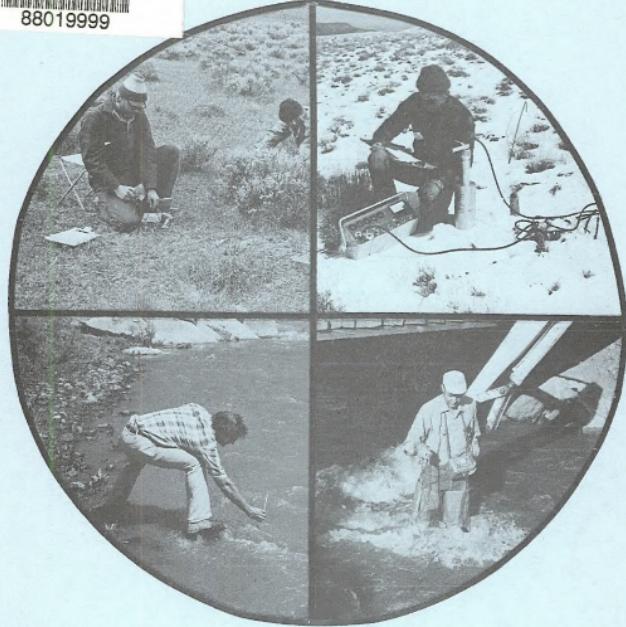


VOLUME III--DATA AND BIBLIOGRAPHY
ARS/BLM COOPERATIVE STUDIES

REYNOLDS CREEK WATERSHED

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U.S. Department of Agriculture
Agricultural Research Service
Northwest Watershed Research Center
Boise, Idaho

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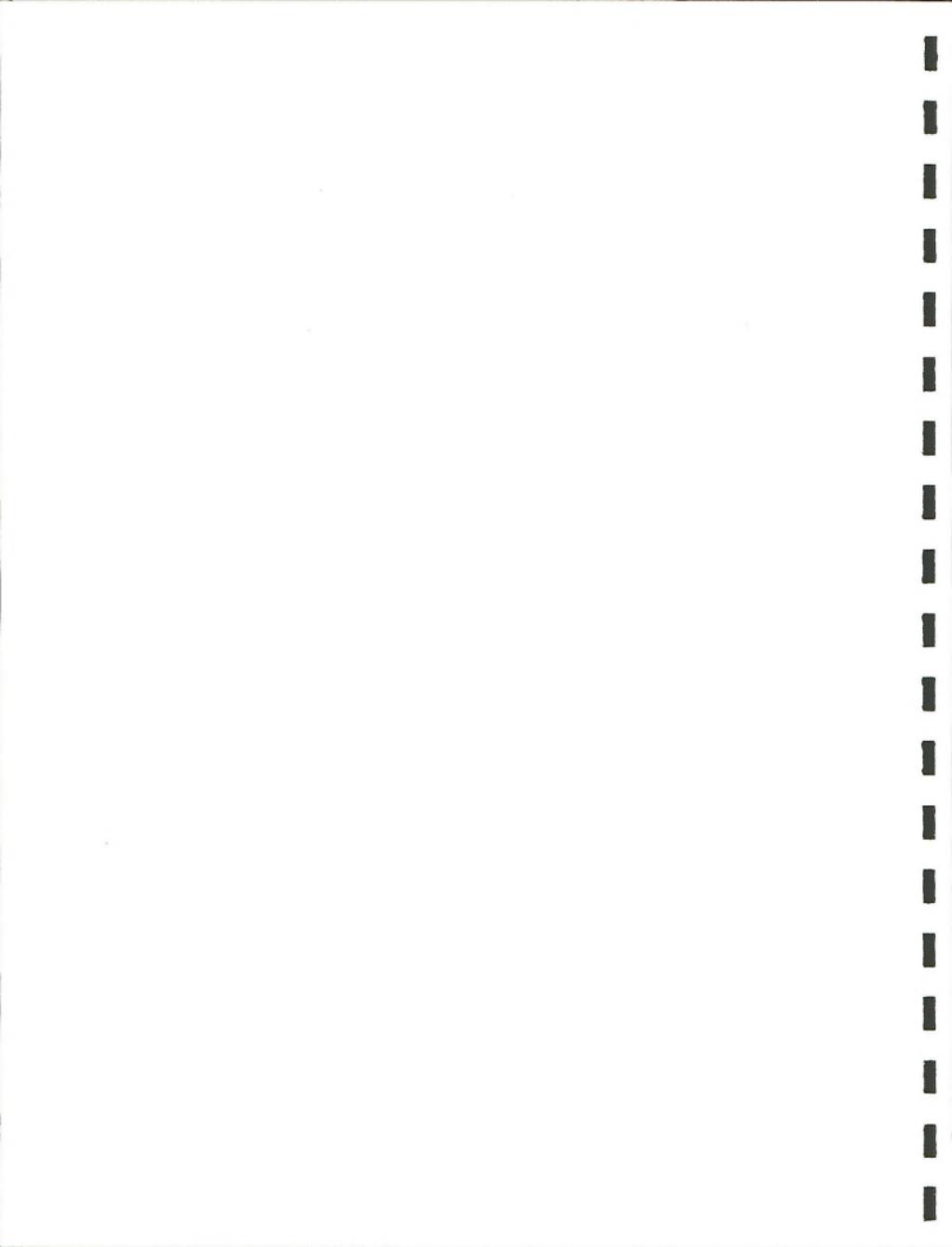
VOLUME III--DATA AND BIBLIOGRAPHY

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VOLUME III - DATA AND BIBLIOGRAPHY

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INTRODUCTION

This Volume consists of summaries of data used to support the research reported in the previous two volumes. It is presented in sections which correspond by subject matter to the chapters of Volume II. An additional section presents an inventory of the detailed resource data collected as a result of BLM-ARS studies. These tabulations generally include site locations, time period of data availability, and format of the stored data. Each major data section is introduced by a map locating the collection sites for the data being summarized. Inquiries on the data reported herein should be directed to the Northwest Watershed Research Center, USDA-ARS, in Boise, Idaho. The final section of the Volume consists of a bibliography of publications related to the research reported in Volume II.

The Volume sections are as follows:

- A. Precipitation
- B. Streamflow and Runoff
- C. Erosion and Sediment
- D. Water Quality
- E. Vegetation and Soils
- F. Soil Water
- G. Hydrologic Data Inventory
- H. Bibliography

Section A

PRECIPITATION

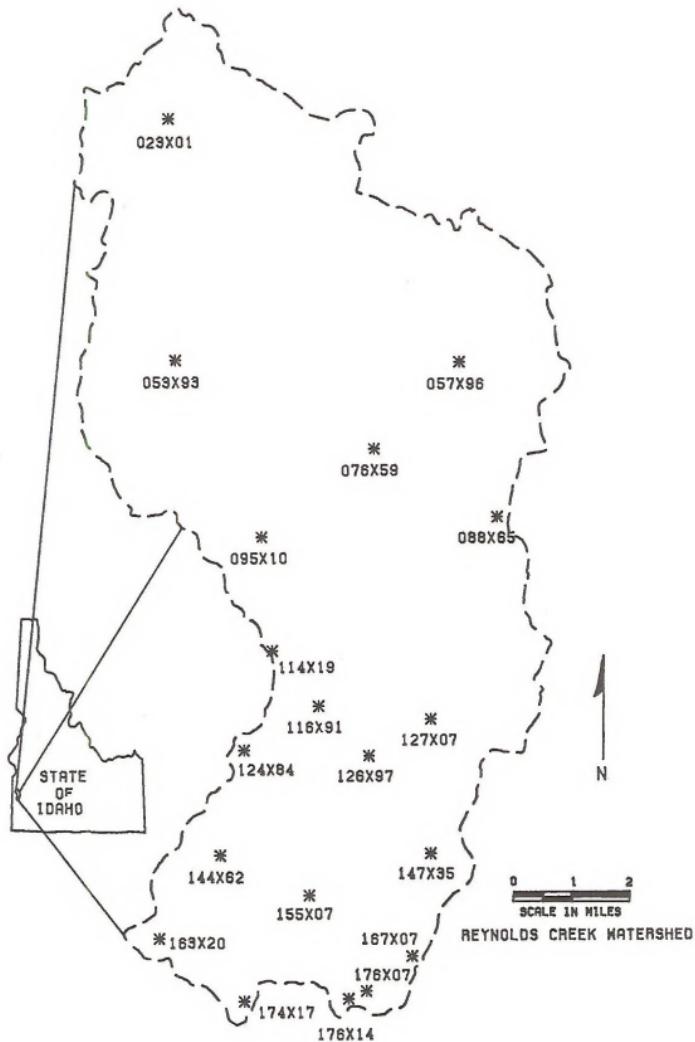


Figure A.1.--Precipitation sites.

Table A.1.--Monthly precipitation in inches at Reynolds, Idaho Site 023X01.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.93	2.04	1.29	2.37	3.36	0.33	0.13	0.00	0.86	3.86	1.92	1.33	19.41
1963	2.92	2.95	0.72	3.13	1.99	2.67	0.00	0.58	0.56	1.61	3.97	1.55	22.66
1964	2.68	0.52	1.61	2.42	1.24	2.98	0.06	1.02	0.24	0.48	3.90	7.72	24.86
1965	6.14	0.41	0.11	2.31	5.84	1.86	0.33	3.82	0.60	0.46	1.97	1.09	24.93
1966	1.06	1.49	1.51	1.40	0.43	0.47	0.00	0.06	0.33	0.86	3.96	2.56	14.13
1967	4.07	1.37	0.93	3.27	1.65	3.19	0.00	0.00	0.91	1.47	1.81	1.04	19.71
1968	0.75	2.19	0.70	1.11	1.93	0.44	0.01	2.93	0.36	0.81	2.40	1.96	15.60
1969	6.16	1.25	0.66	1.76	0.46	3.25	0.14	0.00	2.54	0.37	2.45	19.55	
1970	6.28	0.98	3.29	3.19	2.43	1.78	0.37	0.05	1.32	2.29	3.92	2.04	27.92
1971	2.81	1.15	3.22	1.68	0.75	2.83	0.22	0.49	2.91	1.58	3.84	2.69	24.16
1972	3.50	1.80	3.40	1.64	0.46	2.91	0.04	0.11	1.06	1.08	2.35	2.86	21.21
1973	1.30	0.90	1.50	3.28	0.53	0.89	0.38	0.12	2.19	1.11	3.80	3.06	19.07
1974	1.78	1.32	3.34	0.33	0.75	0.75	0.44	0.19	0.00	1.69	0.99	2.43	14.01
1975	1.46	2.03	3.00	3.60	1.97	2.12	0.52	0.69	0.02	4.96	1.22	2.25	23.83
1976	1.59	2.68	1.31	1.43	0.69	2.28	1.51	1.11	1.76	0.56	0.33	0.38	15.63
1977	1.29	1.05	2.04	0.34	3.06	0.94	0.68	0.77	1.54	0.36	3.09	3.39	18.55
1978	2.44	3.77	1.48	4.48	1.11	1.34	0.39	0.85	0.77	0.03	1.54	1.27	19.47
1979	3.15	1.98	1.20	2.13	2.29	0.69	0.06	2.99	0.31	1.71	1.65	1.57	19.72
1980	2.99	1.80	2.60	0.79	4.16	2.17	0.30	0.05	3.02	0.80	1.37	3.02	23.05
1981	1.74	1.65	2.68	2.89	1.79	1.75	0.18	0.08	0.42	1.55	4.74	6.54	26.02
1982	2.47	2.54	3.01	2.26	1.49	1.52	0.77	0.38	1.85	3.03	1.53	3.95	24.80

STATISTICS FOR 21 YEARS OF DATA

TOTAL	58.49	35.85	39.59	45.79	38.38	37.17	6.52	16.29	21.54	32.83	50.67	55.15	438.28
MIN	0.75	0.41	0.11	0.33	0.43	0.33	0.00	0.00	0.00	0.03	0.33	0.38	14.01
MAX	6.28	3.77	3.40	4.48	5.84	3.25	1.51	3.82	3.02	4.96	4.74	7.72	27.92
MEAN	2.79	1.71	1.89	2.18	1.83	1.77	0.31	0.78	1.03	1.56	2.41	2.63	20.87
S.D.	1.66	0.82	1.04	1.10	1.38	0.97	0.36	1.10	0.89	1.22	1.33	1.74	3.98

Table A.2.--Monthly precipitation in inches at Reynolds, Idaho Site 053X93.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	0.82	2.49	0.64	1.17	1.91	0.24	0.00	2.94	0.24	0.91	2.38	1.36	15.11
1969	6.92	1.03	0.54	1.61	0.61	3.76	0.14	0.00	0.67	1.60	0.27	2.18	19.32
1970	5.45	0.78	2.44	2.16	1.50	1.52	0.32	0.07	1.10	1.54	3.92	1.99	22.79
1971	3.88	1.22	3.36	1.38	1.00	2.58	0.44	0.47	1.99	1.80	3.23	4.04	25.37
1972	2.88	1.34	2.83	1.57	0.48	2.82	0.16	0.23	2.07	1.30	2.02	3.26	20.96
1973	1.32	0.44	0.86	3.00	0.41	0.59	0.31	0.09	2.36	0.98	3.61	3.67	17.64
1974	1.40	0.45	3.28	0.48	0.28	0.69	0.45	0.21	0.00	2.21	1.35	2.53	13.34
1975	2.28	3.01	3.17	2.74	0.56	1.74	2.01	0.68	0.39	4.57	1.08	2.07	24.30
1976	1.53	2.62	1.09	1.47	0.61	1.60	0.85	1.81	1.64	0.97	0.44	0.21	14.84
1977	0.94	1.45	1.99	0.34	3.63	1.35	0.88	1.07	1.61	0.50	3.36	3.53	20.45
1978	2.21	3.18	2.74	4.29	1.42	1.59	0.45	0.63	0.71	0.04	1.77	1.02	20.05
1979	2.70	1.60	1.03	2.19	1.64	0.55	0.11	3.53	0.28	2.04	1.29	1.32	18.27
1980	2.50	1.76	2.20	0.43	3.98	1.88	0.36	0.09	2.94	0.66	1.45	2.59	20.83
1981	1.05	1.46	2.05	2.41	1.90	1.55	0.17	0.03	0.38	1.47	3.59	4.79	20.85
1982	0.89	2.28	2.43	1.50	0.71	1.57	1.16	0.28	2.09	3.00	1.71	3.63	21.26

STATISTICS FOR 15 YEARS OF DATA

TOTAL	36.76	25.09	30.66	26.75	20.64	24.02	7.61	12.14	18.47	23.59	31.48	38.17	295.37
MIN	0.82	0.44	0.54	0.34	0.28	0.24	0.00	0.00	0.00	0.04	0.27	0.21	13.34
MAX	6.92	3.18	3.36	4.29	3.98	3.76	2.01	3.53	2.94	4.57	3.92	4.79	25.37
MEAN	2.45	1.67	2.04	1.78	1.38	1.60	0.51	0.81	1.23	1.57	2.10	2.54	19.69
S.D.	1.77	0.87	0.98	1.06	1.13	0.93	0.52	1.10	0.92	1.11	1.19	1.27	3.40

Table A.3.--Monthly precipitation in inches at Reynolds, Idaho Site 057X96.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1962	0.68	0.82	0.40	0.94	1.92	0.37	0.15	0.06	0.30	1.57	0.20	0.39	7.80	
1963	1.21	1.55	0.31	0.93	0.90	1.73	0.00	0.74	0.30	0.66	1.31	0.44	10.08	
1964	1.22	0.09	0.33	0.66	0.51	1.83	0.00	0.49	0.09	0.23	1.05	3.69	10.20	
1965	2.35	0.11	0.00	1.09	1.31	1.24	0.21	2.61	0.45	0.16	0.83	0.56	10.92	
1966	0.12	0.32	0.25	0.21	0.43	0.43	0.00	0.08	0.34	0.30	1.32	0.86	4.66	
1967	0.97	0.60	0.30	1.34	1.37	2.12	0.00	0.00	0.20	0.71	1.14	0.52	9.27	
1968	0.34	0.64	0.23	0.66	0.43	0.00	4.07	0.00	0.50	1.25	0.87	9.23		
1969	3.32	0.52	0.17	0.54	0.53	2.75	0.18	0.00	0.30	0.81	0.16	0.75	10.02	
1970	1.88	0.36	0.89	0.80	0.62	0.85	0.35	0.14	0.56	0.59	1.85	0.67	9.54	
1971	1.27	0.37	1.94	0.32	1.03	2.24	0.09	0.73	1.31	1.08	1.23	1.43	13.04	
1972	1.43	0.53	0.80	0.41	0.07	2.12	0.03	0.38	0.96	0.76	1.05	1.51	10.06	
1973	0.54	0.16	0.56	2.90	0.13	0.50	0.20	0.16	0.54	0.34	1.16	1.23	8.43	
1974	0.61	0.24	2.13	0.14	0.12	0.25	0.30	0.23	0.00	1.74	0.37	0.96	7.09	
1975	0.43	0.86	1.13	1.56	0.16	1.02	0.92	0.60	0.03	2.35	0.62	0.59	10.27	
1976	0.68	1.38	0.34	0.38	0.42	0.72	0.62	0.72	1.33	0.13	0.11	0.07	6.89	
1977	0.44	0.65	0.51	0.04	2.04	2.41	0.36	0.35	0.47	0.14	1.57	1.25	10.22	
1978	1.23	0.99	0.90	3.19	0.44	0.76	0.65	0.55	0.33	0.69	0.01	1.01	0.45	10.65
1979	1.29	0.66	0.58	0.74	0.66	0.36	0.12	1.90	0.15	0.59	0.53	0.37	8.04	
1980	1.18	0.57	0.60	0.66	3.01	1.02	0.17	0.06	1.93	0.27	0.69	1.24	11.49	
1981	0.46	0.53	1.06	1.99	0.93	0.75	0.03	0.04	0.03	0.68	1.59	2.58	10.66	
1982	0.52	1.06	1.07	0.80	0.71	1.54	0.60	0.18	0.76	0.69	0.66	1.57	10.17	
STATISTICS FOR 21 YEARS OF DATA														
TOTAL	22.19	13.09	14.55	19.87	17.97	25.44	4.98	13.86	10.73	14.40	19.68	21.99	198.74	
MIN	0.12	0.09	0.00	0.04	0.07	0.25	0.00	0.00	0.00	0.01	0.11	0.07	4.66	
MAX	3.32	1.55	2.13	3.19	3.01	2.75	0.92	4.07	1.93	2.35	1.85	3.69	13.04	
MEAN	1.06	0.62	0.69	0.95	0.86	1.21	0.24	0.66	0.51	0.69	0.94	1.05	9.46	
S.D.	0.75	0.39	0.55	0.85	0.73	0.78	0.26	1.01	0.51	0.59	0.49	0.83	1.82	

Table A.4.--Monthly precipitation in inches at Reynolds, Idaho Site 076X59.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.42	0.84	0.48	1.41	1.35	0.59	0.38	0.09	0.29	2.15	0.58	0.77	9.35
1963	1.46	1.56	0.63	0.96	1.24	2.38	0.00	0.61	0.38	0.69	1.91	0.51	12.33
1964	1.38	0.33	1.03	0.55	0.75	2.23	0.03	0.51	0.11	0.24	1.40	5.25	13.81
1965	4.08	0.27	0.09	0.93	1.07	1.13	0.46	2.26	0.41	0.19	0.81	0.00	11.64
1966	0.34	0.31	0.72	0.53	0.40	1.01	0.02	0.00	0.00	0.00	0.00	0.00	3.33
1967	1.98	0.74	0.23	1.45	1.53	3.05	0.00	0.00	0.55	1.35	0.37	0.00	11.25
1968	0.46	0.99	0.42	0.33	0.64	0.47	0.00	3.97	0.00	0.55	1.43	1.08	10.34
1969	4.18	0.45	0.33	0.53	0.37	2.02	0.26	0.00	0.13	1.04	0.17	0.94	10.42
1970	3.02	0.51	1.34	0.86	0.51	0.98	0.52	0.06	0.47	0.77	2.36	0.95	12.33
1971	1.64	0.38	2.34	0.48	1.25	2.18	0.20	0.81	1.59	1.17	1.30	1.35	14.69
1972	1.91	1.02	1.14	0.41	0.10	1.85	0.00	0.33	0.61	0.83	1.09	1.84	11.13
1973	0.60	0.23	0.59	3.15	0.11	0.85	0.30	0.48	1.02	0.39	1.64	1.59	10.93
1974	1.11	0.45	2.56	0.27	0.15	0.29	0.23	0.16	0.00	1.57	0.63	1.20	8.63
1975	0.64	1.71	1.42	1.70	0.19	1.63	1.04	0.64	0.08	2.86	0.63	0.75	13.27
1976	0.95	1.69	0.62	0.48	0.39	0.70	0.58	0.85	1.27	0.28	0.15	0.07	8.03
1977	0.47	0.73	0.57	0.12	1.72	1.66	0.47	0.51	0.57	0.21	1.90	1.89	10.81
1978	0.74	1.16	0.94	2.78	0.50	0.84	0.76	0.48	0.65	0.01	1.06	0.41	10.33
1979	1.47	0.75	0.59	0.88	0.67	0.32	0.09	2.35	0.06	1.02	0.59	0.41	9.20
1980	1.71	0.81	0.80	0.88	3.67	0.92	0.22	0.06	2.55	0.35	0.88	1.53	14.38
1981	0.28	0.89	1.09	1.72	1.02	0.93	0.02	0.07	0.09	1.00	1.80	2.76	11.67
1982	0.83	1.45	1.09	1.12	0.61	1.77	0.61	0.41	0.66	1.16	0.96	1.73	12.41
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	29.59	17.27	19.02	21.54	18.23	27.79	6.19	14.64	11.48	17.83	21.65	25.05	230.28
MIN	0.28	0.23	0.09	0.12	0.10	0.29	0.00	0.00	0.00	0.00	0.00	0.00	3.33
MAX	4.18	1.71	2.56	3.15	3.67	3.05	1.04	3.97	2.55	2.86	2.36	5.25	14.69
MEAN	1.41	0.82	0.91	1.03	0.87	1.32	0.29	0.70	0.55	0.85	1.03	1.19	10.97
S.D.	1.12	0.47	0.62	0.79	0.80	0.76	0.29	0.99	0.63	0.72	0.65	1.19	2.50

Table A.5.--Monthly precipitation in inches at Reynolds, Idaho Site 088X65.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	OEC	ANNUAL
1962	0.70	1.00	0.24	1.00	1.61	0.14	0.25	0.05	0.18	1.43	0.29	0.52	7.41
1963	1.30	1.06	0.46	0.68	1.20	2.08	0.00	0.40	0.37	0.57	1.02	0.34	9.48
1964	1.01	0.15	0.75	0.65	0.64	2.75	0.00	0.51	0.05	0.33	1.16	4.73	12.73
1965	2.56	0.19	0.00	0.97	1.39	1.29	0.44	2.32	0.37	0.09	0.74	0.74	11.10
1966	0.21	0.35	0.30	0.18	0.34	0.99	0.00	0.02	0.33	0.32	1.29	1.10	5.44
1967	1.38	0.71	0.44	1.37	1.49	2.43	0.00	0.00	0.22	0.60	1.41	0.64	10.69
1968	0.33	0.61	0.15	0.26	0.53	0.20	0.20	3.66	0.00	0.49	1.29	1.18	8.89
1969	3.65	0.44	0.38	0.58	0.54	2.33	0.22	0.00	0.46	1.03	0.17	0.91	10.71
1970	2.10	0.38	1.15	1.20	0.68	1.07	0.62	0.15	0.52	0.71	1.64	0.49	10.70
1971	1.30	0.50	2.13	0.78	1.35	2.20	0.31	0.50	1.76	0.93	1.08	1.09	13.94
1972	1.50	0.76	0.88	0.34	0.12	2.27	0.00	0.32	1.02	1.01	1.08	1.53	10.83
1973	0.62	0.50	0.63	3.91	0.13	0.57	0.25	0.06	0.87	0.34	1.47	1.08	10.44
1974	0.75	0.25	2.51	0.19	0.16	0.20	0.31	0.00	0.00	1.80	0.43	0.85	7.53
1975	0.42	1.18	1.26	1.87	0.34	1.32	0.45	0.70	0.06	2.79	0.36	0.49	11.25
1976	0.68	1.58	0.66	0.63	0.63	0.88	0.82	0.98	1.42	0.19	0.16	0.09	8.70
1977	0.56	0.62	0.43	0.21	1.94	1.37	0.52	0.35	0.63	0.11	1.86	1.70	10.31
1978	1.00	1.39	0.93	3.41	0.36	1.05	1.22	0.47	0.67	0.02	1.17	0.35	12.05
1979	1.06	0.60	0.83	0.71	0.67	0.67	0.11	1.86	0.15	0.68	0.67	0.50	8.51
1980	1.48	0.66	0.73	0.74	3.04	0.91	0.24	0.05	2.28	0.32	0.57	1.12	12.14
1981	0.36	0.60	0.94	2.02	1.00	0.83	0.03	0.08	0.12	0.93	1.67	2.50	11.07
1982	0.88	1.09	1.16	1.11	0.69	2.54	0.51	0.21	0.85	0.63	0.83	1.56	12.07

STATISTICS FOR 21 YEARS OF DATA

TOTAL	23.85	14.62	16.97	22.81	18.85	28.08	6.50	12.77	12.33	15.33	20.38	23.51	215.98
MIN	0.21	0.15	0.00	0.18	0.12	0.14	0.00	0.00	0.00	0.02	0.16	0.09	5.44
MAX	3.65	1.58	2.51	3.91	3.04	2.75	1.22	3.66	2.28	2.79	1.86	4.73	13.94
MEAN	1.14	0.70	0.81	1.09	0.90	1.34	0.31	0.61	0.59	0.73	0.97	1.12	10.28
S.O.	0.82	0.39	0.61	1.00	0.72	0.83	0.31	0.93	0.61	0.65	0.51	1.00	2.00

Table A.6.--Monthly precipitation in inches at Reynolds, Idaho Site 095X10.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	OEC	ANNUAL
1962	1.29	1.67	0.79	1.98	2.71	0.44	0.26	0.16	0.44	3.53	1.14	1.18	15.58
1963	2.10	2.24	1.22	2.60	1.53	3.41	0.00	0.79	0.52	0.93	3.59	0.80	19.73
1964	1.68	0.24	1.27	0.75	1.09	2.39	0.05	0.65	0.12	0.35	2.73	6.94	18.27
1965	5.33	0.36	0.11	1.01	1.35	1.41	0.52	2.45	0.08	0.32	1.25	0.78	14.97
1966	0.89	0.48	1.14	1.36	0.46	0.41	0.00	0.03	0.51	0.78	3.88	2.75	12.69
1967	5.00	0.88	0.70	1.90	1.69	2.49	0.12	0.00	0.90	1.75	2.13	1.21	18.77
1968	0.85	2.04	0.90	0.60	0.83	0.20	0.03	4.34	0.20	1.06	2.29	2.00	15.34
1969	7.47	1.03	0.46	1.37	0.54	2.45	0.28	0.00	0.09	1.53	0.31	2.62	18.15
1970	6.90	0.91	2.28	2.00	1.31	1.28	0.34	0.12	0.99	1.73	3.64	2.20	23.70
1971	3.11	1.33	4.42	1.26	1.06	3.33	0.67	0.89	1.65	1.55	3.26	3.33	25.86
1972	4.07	2.33	3.26	1.81	0.63	2.36	0.05	0.48	1.12	1.04	1.47	3.33	21.95
1973	1.20	0.66	0.97	3.50	0.41	0.95	1.79	0.20	2.22	1.03	3.31	3.48	19.71
1974	2.20	0.74	3.86	0.56	0.38	0.63	0.37	0.11	0.00	2.01	1.49	2.48	14.84
1975	1.96	3.38	3.93	3.01	0.68	2.85	1.45	0.85	0.06	5.41	1.56	1.73	26.88
1976	2.33	3.13	1.22	1.09	1.02	1.34	0.56	1.21	1.92	0.45	0.11	0.09	14.45
1977	0.66	1.20	1.52	0.26	2.74	1.59	0.69	0.98	1.28	0.45	2.84	3.45	17.67
1978	1.71	2.39	1.53	4.01	0.74	1.42	0.39	0.87	0.58	0.03	2.40	0.77	16.83
1979	2.38	1.94	1.16	1.70	1.11	0.64	0.10	2.83	0.04	1.96	1.63	0.94	16.43
1980	3.04	1.70	2.19	0.68	3.94	1.53	0.55	0.13	2.28	0.63	1.15	2.47	20.29
1981	0.71	1.55	1.74	2.01	1.68	1.48	0.07	0.04	0.41	1.69	3.52	4.91	19.91
1982	2.28	2.96	2.55	2.08	0.47	2.16	1.15	0.43	1.26	2.45	2.30	3.28	23.36

STATISTICS FOR 21 YEARS OF DATA

TOTAL	57.13	33.16	37.21	35.54	26.37	34.78	9.44	17.55	16.66	30.68	46.10	50.74	395.36
MIN	0.66	0.24	0.11	0.26	0.38	0.20	0.00	0.00	0.00	0.03	0.11	0.09	12.69
MAX	7.47	3.38	4.42	4.01	3.94	3.41	1.79	4.34	2.28	5.41	3.68	6.94	26.88
MEAN	2.72	1.58	1.77	1.69	1.26	1.66	0.45	0.84	0.79	1.46	2.20	2.42	18.83
S.O.	1.97	0.92	1.21	0.98	0.91	0.95	0.49	1.11	0.74	1.23	1.11	1.59	3.84

Table A.7.--Monthly precipitation in inches at Reynolds, Idaho Site 114X19.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.49	2.37	1.49	2.41	2.23	0.68	0.23	0.07	0.88	5.22	2.05	1.71	20.83
1963	2.37	3.57	1.10	3.61	2.13	4.85	0.06	0.59	0.51	1.21	4.48	1.05	25.53
1964	2.30	0.40	1.37	1.30	0.92	3.55	0.22	0.99	0.42	0.86	3.55	8.55	24.45
1965	5.41	0.72	0.25	2.47	3.27	3.09	1.15	1.36	0.42	0.77	1.62	1.09	21.61
1966	1.38	1.14	1.23	0.95	0.83	0.42	0.05	0.02	0.36	0.80	2.81	2.26	12.20
1967	3.70	1.25	0.87	2.64	2.07	2.17	0.31	0.00	0.60	1.71	2.30	1.24	18.85
1968	1.84	2.75	1.78	0.99	0.81	0.61	0.10	4.00	0.25	1.07	3.64	3.61	21.45
1969	8.83	1.86	0.65	2.49	0.43	2.71	0.28	0.00	0.19	1.90	0.42	3.21	22.97
1970	6.67	1.00	2.62	3.56	0.96	1.85	1.14	0.23	0.77	2.39	4.41	4.42	30.04
1971	8.36	2.32	5.07	2.11	1.04	3.15	1.41	0.38	2.76	2.31	2.39	4.50	35.79
1972	5.43	4.82	4.20	1.90	0.95	2.72	0.02	0.48	1.32	1.33	1.74	4.73	29.64
1973	1.36	1.17	1.52	3.08	0.54	0.70	0.56	0.09	1.96	0.85	5.9	5.50	23.29
1974	3.63	1.89	6.12	1.31	0.46	0.84	0.46	0.16	0.00	2.66	1.66	3.07	22.27
1975	3.82	6.13	5.49	4.48	1.46	2.67	0.66	1.43	0.08	5.59	2.91	2.38	37.09
1976	5.46	5.19	2.03	1.68	0.86	1.48	0.90	1.40	1.86	1.20	0.20	0.31	22.56
1977	1.06	2.00	2.59	0.39	3.41	1.86	0.87	1.47	1.22	0.51	3.43	4.41	23.20
1978	2.45	3.87	1.68	4.97	0.81	1.15	0.40	1.01	0.91	0.06	2.19	1.33	20.82
1979	2.59	3.27	1.24	1.95	2.19	0.86	0.13	2.81	0.03	2.72	2.45	2.08	22.30
1980	3.80	2.33	4.52	0.69	4.86	1.77	0.54	0.17	3.05	0.73	1.31	3.00	26.76
1981	1.47	2.39	4.30	3.36	2.34	1.97	0.19	0.15	0.26	2.41	4.31	8.03	31.19
1982	10.20	3.59	4.41	3.49	1.00	2.63	1.45	0.61	1.95	2.99	4.03	4.49	40.85
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	83.61	54.03	54.56	49.84	33.55	41.73	11.07	17.41	19.80	39.29	57.84	70.96	533.69
MIN	1.06	0.40	0.25	0.39	0.43	0.42	0.00	0.00	0.00	0.06	0.20	0.31	12.20
MAX	10.20	6.13	6.12	4.97	4.86	4.85	1.45	4.00	3.05	5.59	5.96	8.55	40.85
MEAN	3.98	2.57	2.60	2.37	1.60	1.99	0.53	0.83	0.94	1.87	2.75	3.38	25.41
S.D.	2.69	1.53	1.78	1.24	1.15	1.15	0.46	1.02	0.90	1.43	1.43	2.18	6.67

Table A.8.--Monthly precipitation in inches at Reynolds, Idaho Site 116X91.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.65	2.12	1.20	2.34	1.96	0.54	0.18	0.15	0.55	3.40	1.43	1.94	17.45
1963	2.45	2.60	1.35	3.34	2.35	4.17	0.41	0.89	0.69	1.03	3.47	1.07	23.83
1964	2.53	0.40	1.55	1.13	0.69	2.39	0.14	0.64	0.32	0.35	3.98	8.62	22.75
1965	5.39	0.65	0.12	1.36	1.94	1.89	0.78	1.40	0.35	0.45	1.31	0.94	16.58
1966	1.11	1.02	1.41	0.90	0.78	0.75	0.00	0.02	0.36	0.89	2.62	2.73	12.59
1967	4.28	1.10	0.58	2.65	2.01	1.73	0.49	0.00	0.60	1.51	2.19	1.22	18.36
1968	1.20	2.08	1.01	0.64	0.70	0.56	0.07	2.96	0.20	0.97	2.39	2.12	14.90
1969	6.02	0.92	0.44	1.06	0.22	2.26	0.32	0.00	0.66	1.42	0.36	2.23	15.91
1970	5.99	0.83	2.30	2.44	1.23	1.26	0.65	0.19	0.80	1.88	3.77	1.99	23.31
1971	2.73	1.34	3.92	1.43	1.05	2.66	1.05	0.34	2.33	1.72	3.24	2.46	24.30
1972	4.17	2.53	2.54	1.29	0.60	1.96	0.00	0.69	0.90	1.35	0.95	3.69	20.68
1973	1.17	0.53	1.14	3.91	0.51	0.59	0.27	0.12	1.54	0.93	3.32	3.38	17.42
1974	2.19	0.84	4.14	0.79	0.60	0.49	0.42	0.09	0.00	2.28	1.37	1.88	15.08
1975	1.54	2.43	3.00	2.59	0.90	1.98	0.30	1.24	0.09	5.15	1.32	1.81	22.34
1976	1.63	2.58	1.55	1.14	0.78	1.26	0.75	0.88	1.52	0.76	0.09	0.18	13.14
1977	0.71	1.18	1.39	0.40	2.51	1.59	0.58	0.91	1.16	0.34	2.76	3.58	17.10
1978	1.56	3.08	1.22	3.49	0.87	1.11	0.33	0.66	0.67	0.06	2.32	1.12	16.49
1979	2.37	1.61	0.96	1.42	1.54	0.96	0.17	2.03	0.01	1.97	1.25	0.99	15.26
1980	3.26	1.41	1.91	0.86	3.16	1.14	0.42	0.12	2.85	0.71	1.07	2.37	19.27
1981	0.64	1.94	1.57	2.62	1.60	1.45	0.13	0.11	0.19	1.86	3.47	5.43	21.00
1982	1.88	3.46	2.58	2.33	0.69	2.14	0.86	0.97	1.53	2.26	2.55	3.23	24.48
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	54.47	34.66	35.88	38.13	26.68	32.89	8.32	14.41	17.32	31.29	45.23	52.97	392.25
MIN	0.64	0.40	0.12	0.40	0.22	0.49	0.00	0.00	0.00	0.06	0.09	0.18	12.59
MAX	6.02	3.46	4.14	3.91	3.16	4.17	1.05	2.96	2.95	5.15	3.98	8.62	24.48
MEAN	2.59	1.65	1.71	1.82	1.27	1.57	0.40	0.69	0.82	1.49	2.15	2.52	18.68
S.D.	1.66	0.89	1.05	1.02	0.79	0.89	0.29	0.75	0.76	1.16	1.15	1.83	3.76

Table A.9.--Monthly precipitation in inches at Reynolds, Idaho Site 124X84.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.78	1.70	0.83	1.39	1.97	0.46	0.23	0.26	0.65	4.20	1.56	1.55	15.58
1963	2.13	3.14	1.22	3.27	2.10	3.83	0.23	0.73	0.91	1.41	4.14	1.14	24.24
1964	2.10	0.31	1.06	0.80	0.90	3.22	0.15	1.02	0.60	0.55	5.03	6.92	22.65
1965	4.61	0.59	0.19	2.21	2.47	2.41	0.98	1.26	0.21	0.67	1.41	0.92	17.92
1966	0.96	0.88	0.72	0.63	0.71	0.52	0.00	0.03	0.32	0.55	2.35	1.66	9.34
1967	3.04	0.87	0.59	2.20	1.90	2.11	0.25	0.00	0.84	1.93	2.08	0.86	16.66
1968	1.71	3.97	1.03	0.70	0.96	0.55	0.26	3.35	0.19	1.10	3.24	2.66	19.72
1969	6.78	1.66	0.81	1.29	0.43	2.69	0.48	0.00	0.50	1.68	0.43	2.54	19.27
1970	6.14	0.70	2.23	2.75	1.83	1.78	1.60	0.16	0.90	2.13	5.15	1.31	26.69
1971	2.78	1.95	4.57	1.44	1.00	3.48	1.74	0.59	1.94	1.38	3.31	2.13	26.31
1972	2.28	2.29	2.25	0.91	0.88	2.74	0.00	0.67	1.58	1.53	1.86	4.04	21.03
1973	1.93	0.28	1.14	2.78	0.83	0.49	0.62	0.20	2.15	1.17	4.54	3.05	19.19
1974	1.38	0.77	4.23	0.80	0.38	0.84	0.74	0.15	0.00	2.29	1.35	2.54	15.48
1975	1.88	2.94	3.04	2.61	1.08	1.81	0.91	1.57	0.20	4.40	1.75	2.03	24.22
1976	2.57	2.51	0.89	1.35	0.68	1.62	0.80	1.34	1.61	0.81	0.22	0.31	14.71
1977	1.32	1.20	1.70	0.20	2.82	1.08	0.97	1.35	1.26	0.49	3.58	4.26	20.23
1978	1.97	3.09	1.74	3.94	1.04	0.94	0.51	0.94	0.98	0.04	2.52	1.93	19.63
1979	2.64	2.60	1.34	1.60	1.33	0.77	0.05	2.70	0.05	2.91	1.76	1.29	19.04
1980	3.23	2.25	2.56	0.61	3.31	1.50	0.51	0.22	3.23	0.82	1.29	3.45	22.97
1981	0.86	2.35	2.04	3.11	2.19	1.68	0.23	0.14	0.35	2.53	5.35	6.61	27.45
1982	2.60	3.89	3.43	2.87	0.92	2.79	1.50	0.58	2.75	2.90	3.32	3.42	30.97

STATISTICS FOR 21 YEARS OF DATA

TOTAL	53.69	39.92	37.62	37.46	29.73	37.29	12.76	17.26	21.21	35.50	56.23	54.63	433.29
MIN	0.78	0.28	0.19	0.20	0.38	0.46	0.00	0.00	0.00	0.04	0.22	0.31	9.34
MAX	6.78	3.97	4.57	3.94	3.31	3.83	1.74	3.35	3.23	4.40	5.35	6.92	30.97
MEAN	2.56	1.90	1.79	1.78	1.42	1.78	0.61	0.82	1.01	1.69	2.68	2.60	20.63
S.D.	1.57	1.14	1.20	1.06	0.82	1.05	0.52	0.89	0.90	1.18	1.53	1.74	5.02

Table A.10.--Monthly precipitation in inches at Reynolds, Idaho Site 126X97.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.46	2.02	1.09	2.34	1.96	0.54	0.23	0.15	0.31	2.43	1.24	1.50	15.27
1963	2.25	2.49	1.26	3.08	2.38	3.23	0.20	0.67	0.51	0.90	3.29	0.85	21.11
1964	2.90	0.26	1.61	0.90	0.77	1.95	0.09	0.68	0.34	0.31	3.58	7.21	20.59
1965	4.67	0.83	0.33	1.40	1.64	1.58	0.51	1.28	0.33	0.39	0.92	0.84	14.72
1966	1.09	1.27	1.26	0.83	0.77	0.57	0.00	0.09	0.28	0.65	2.45	2.45	11.70
1967	3.98	1.03	0.63	2.00	1.72	1.42	0.34	0.00	0.61	1.25	1.73	1.06	15.79
1968	1.04	0.65	0.42	0.48	0.93	0.88	0.07	3.59	0.12	0.87	2.63	1.57	13.25
1969	6.32	0.79	0.48	1.20	0.41	2.46	0.41	0.00	0.50	1.38	0.30	1.37	15.61
1970	6.37	1.00	1.81	1.80	1.24	1.68	0.50	0.26	0.85	1.93	4.64	2.16	24.26
1971	2.79	1.19	3.43	1.56	0.97	2.91	1.12	0.43	2.81	1.70	1.86	1.76	22.55
1972	2.09	1.71	1.72	0.56	0.45	1.71	0.00	1.17	0.95	1.72	0.96	3.16	16.20
1973	1.02	0.64	1.06	2.76	0.46	0.55	0.44	0.18	1.17	0.52	2.87	2.14	13.80
1974	1.57	0.41	3.82	0.35	0.33	0.44	0.63	0.19	0.00	2.19	1.00	1.65	12.58
1975	0.39	1.14	2.01	2.48	1.01	1.43	0.61	1.06	0.46	3.53	1.29	1.13	16.53
1976	1.04	2.15	1.14	1.13	0.68	1.22	0.89	0.89	1.60	0.67	0.06	0.21	11.67
1977	0.87	0.86	0.75	0.18	2.56	1.64	0.55	0.60	0.77	0.21	2.37	2.85	14.21
1978	1.75	3.01	1.09	3.66	0.72	0.74	0.86	0.54	0.84	0.02	1.82	0.57	15.61
1979	1.68	1.69	0.80	1.04	1.34	0.60	0.10	1.99	0.03	1.80	0.92	0.79	12.78
1980	2.35	1.25	1.88	1.06	2.70	0.99	0.47	0.11	2.51	0.53	0.80	2.14	16.78
1981	0.73	1.35	1.48	2.27	1.41	1.12	0.15	0.10	0.14	1.69	3.04	4.13	17.62
1982	1.14	2.72	1.21	1.86	0.87	2.13	0.82	0.53	1.49	1.68	2.79	2.66	20.81

STATISTICS FOR 21 YEARS OF DATA

TOTAL	47.51	28.45	30.20	32.93	25.31	29.79	8.97	14.49	16.63	26.38	40.55	42.22	343.42
MIN	0.39	0.26	0.33	0.18	0.33	0.44	0.00	0.00	0.00	0.02	0.06	0.21	11.67
MAX	6.37	3.01	3.82	3.66	2.70	3.23	1.12	3.59	2.81	3.53	4.64	7.21	24.26
MEAN	2.26	1.35	1.44	1.57	1.21	1.42	0.43	0.69	0.79	1.26	1.93	2.01	16.35
S.D.	1.72	0.76	0.90	0.94	0.72	0.79	0.32	0.83	0.76	0.87	1.18	1.52	3.61

Table A.11.--Monthly precipitation in inches at Reynolds, Idaho Site 127X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.44	2.35	1.53	1.12	2.88	1.16	0.25	0.18	0.20	2.32	0.48	0.54	13.45
1963	1.97	1.35	0.78	1.40	2.79	3.63	0.15	0.85	0.73	0.70	2.41	0.31	17.07
1964	3.04	0.21	0.88	1.00	1.41	2.80	0.02	0.59	0.18	0.64	1.87	5.56	18.20
1965	3.48	0.19	0.00	1.04	2.33	1.46	0.76	3.21	0.35	0.03	1.61	0.90	15.35
1966	0.32	0.58	0.68	0.45	0.75	1.12	0.00	0.04	0.33	0.25	1.90	3.16	9.59
1967	3.21	0.69	1.30	2.52	2.25	2.77	0.08	0.00	0.60	1.38	1.97	1.80	18.56
1968	0.49	0.65	0.26	0.26	0.98	0.66	0.04	2.68	0.16	0.69	2.06	1.58	10.51
1969	4.57	0.70	0.45	0.81	0.76	1.87	0.38	0.00	0.31	1.04	0.23	1.28	12.40
1970	3.46	0.70	1.85	1.62	1.27	1.48	0.32	0.36	0.69	1.16	2.49	0.60	15.99
1971	1.80	0.83	2.89	1.28	0.83	2.36	0.59	0.38	2.53	1.37	1.55	2.21	18.61
1972	1.99	1.22	1.31	0.59	0.42	1.67	0.00	0.59	0.94	1.72	0.94	2.70	14.09
1973	0.81	0.29	0.81	2.59	0.32	0.57	0.28	0.31	0.92	0.45	2.31	1.62	11.28
1974	1.23	0.19	3.05	0.23	0.25	0.30	0.52	0.15	0.00	2.21	0.83	1.48	10.44
1975	0.52	1.51	2.15	2.17	0.71	1.59	0.60	0.87	0.32	3.05	0.80	0.87	15.16
1976	0.89	1.79	0.93	1.16	0.58	1.24	0.85	0.85	1.48	0.32	0.08	0.18	10.35
1977	0.50	0.63	0.53	0.10	2.50	1.85	0.39	0.60	0.62	0.23	1.59	2.02	11.56
1978	1.28	2.39	1.10	3.30	0.72	0.66	0.49	0.47	0.88	0.02	1.58	0.60	13.48
1979	1.20	1.19	0.90	0.77	1.12	0.44	0.18	1.90	0.06	1.49	0.71	0.51	10.37
1980	1.90	0.95	1.39	1.57	2.80	1.00	0.48	0.11	2.20	0.44	0.71	1.58	15.11
1981	0.55	0.95	1.14	1.96	1.37	0.98	0.12	0.12	0.12	1.36	2.29	3.40	14.35
1982	1.56	1.69	1.57	1.91	0.90	2.17	0.69	0.67	1.26	1.24	1.70	1.95	17.31

STATISTICS FOR 21 YEARS OF DATA

TOTAL	35.22	21.05	25.51	27.84	27.91	31.78	7.17	14.92	14.87	22.03	30.09	34.82	293.21
MIN	0.32	0.19	0.00	0.10	0.25	0.30	0.00	0.00	0.00	0.02	0.08	0.18	9.59
MAX	4.57	2.39	3.05	3.30	2.88	3.63	0.85	3.21	2.53	3.05	2.49	5.56	18.61
MEAN	1.68	1.00	1.21	1.33	1.33	1.51	0.34	0.71	0.71	1.05	1.43	1.66	13.96
S.D.	1.22	0.65	0.78	0.85	0.88	0.87	0.26	0.86	0.68	0.81	0.74	1.27	2.97

Table A.12.--Monthly precipitation in inches at Reynolds, Idaho Site 144X62.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	3.62	3.86	3.25	2.65	3.79	0.16	0.28	0.00	0.64	4.79	2.67	2.75	28.46
1963	3.87	5.56	2.26	5.63	3.65	3.51	0.10	0.70	0.63	1.59	6.40	2.32	36.22
1964	6.80	1.07	4.26	2.57	1.96	3.05	0.00	1.55	0.98	0.90	7.83	11.59	42.56
1965	6.78	1.14	0.50	2.91	3.71	2.37	0.73	1.78	0.70	1.08	3.98	1.97	27.65
1966	4.16	3.73	3.50	2.14	1.40	1.18	0.00	0.05	0.58	1.49	6.41	5.25	29.89
1967	9.49	2.29	2.19	5.25	2.40	3.07	0.56	0.06	1.11	2.28	3.63	3.22	35.54
1968	2.85	5.80	1.83	2.13	2.03	1.05	0.21	6.20	0.63	1.84	6.63	5.28	36.48
1969	15.09	2.58	1.11	2.93	0.53	3.72	0.46	0.00	0.48	2.69	0.75	5.86	36.19
1970	14.64	1.67	4.12	4.20	2.37	2.85	0.91	0.46	1.16	4.50	10.80	5.18	52.86
1971	9.79	3.24	7.14	2.36	1.70	3.84	0.96	0.54	2.87	3.19	5.95	5.34	46.91
1972	5.95	6.32	5.03	3.27	1.96	2.98	0.04	0.70	1.97	1.87	2.60	5.62	38.30
1973	3.67	1.86	2.59	4.23	1.49	1.78	1.32	0.22	2.72	1.52	9.41	7.01	36.84
1974	4.80	2.55	8.97	1.26	0.78	1.10	1.15	0.40	0.00	2.96	2.52	5.96	32.46
1975	4.68	7.07	7.50	4.48	1.73	2.15	1.27	1.37	0.28	6.46	2.86	3.94	43.79
1976	5.50	5.36	3.35	2.78	0.80	2.10	0.96	1.67	1.46	1.69	0.47	0.36	26.50
1977	1.61	2.14	3.48	0.64	4.39	1.38	0.94	1.55	1.95	0.67	5.70	7.15	31.60
1978	3.32	4.54	2.29	5.69	0.99	1.24	0.75	1.06	1.23	0.16	3.00	3.39	27.66
1979	5.05	5.48	1.98	2.61	2.57	0.69	0.05	2.26	0.07	4.33	4.10	2.77	31.97
1980	6.50	4.24	4.98	1.31	5.63	2.24	1.15	0.22	3.52	1.21	1.90	3.78	36.68
1981	1.93	3.09	4.60	3.47	2.86	1.59	0.39	0.18	0.70	3.82	7.10	10.84	40.57
1982	6.12	5.36	6.33	3.90	1.10	3.10	2.27	0.95	3.27	4.67	5.70	7.43	50.20

STATISTICS FOR 21 YEARS OF DATA

TOTAL	126.21	78.94	81.26	66.41	47.82	44.17	14.50	21.93	26.94	53.73	100.41	107.00	769.31
MIN	1.61	1.07	0.50	0.64	0.53	0.16	0.00	0.00	0.00	0.16	0.47	0.36	26.50
MAX	15.09	7.07	8.97	5.69	5.63	3.84	2.27	6.20	3.52	6.46	10.80	11.59	52.86
MEAN	6.01	3.76	3.87	3.16	2.28	2.10	0.69	1.04	1.28	2.56	4.78	5.10	36.63
S.D.	3.62	1.79	2.20	1.39	1.33	1.09	0.58	1.36	1.04	1.66	2.75	2.74	7.42

Table A.13.--Monthly precipitation in inches at Reynolds, Idaho Site 147X35.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	0.78	2.50	1.51	1.31	1.67	0.31	0.12	0.12	0.51	2.74	0.80	1.09	13.45
1963	3.18	2.06	1.62	2.57	2.66	4.86	0.15	1.01	0.68	0.91	2.66	0.63	22.99
1964	4.16	0.40	1.83	0.92	1.56	2.46	0.12	1.06	0.42	0.67	2.65	7.51	23.76
1965	3.56	0.64	0.27	1.39	3.30	1.81	0.55	1.90	0.46	0.17	1.23	1.06	16.34
1966	0.93	1.31	1.19	0.48	1.03	0.54	0.00	0.00	0.47	0.48	2.28	2.44	11.16
1967	3.13	1.05	1.11	2.32	3.77	3.54	0.30	0.04	0.68	1.03	2.08	1.18	18.83
1968	0.98	1.98	0.41	0.85	1.14	0.69	0.14	4.89	0.31	1.23	4.67	2.05	19.34
1969	6.53	1.55	0.56	0.97	0.81	3.14	0.21	0.02	0.17	1.04	0.41	1.90	17.31
1970	4.70	0.57	1.79	2.63	1.29	1.70	0.38	0.50	0.64	2.11	3.62	2.66	22.58
1971	3.04	0.70	2.97	1.23	1.21	2.78	1.14	0.49	3.91	1.90	2.58	2.20	24.17
1972	2.00	2.46	1.63	0.88	0.66	1.78	0.00	0.72	1.09	3.09	1.42	3.38	18.91
1973	1.34	0.47	0.58	2.48	1.04	0.56	0.38	0.34	0.96	0.67	4.46	2.81	16.09
1974	1.79	0.93	4.05	0.49	0.20	0.57	0.77	0.22	0.00	2.40	1.11	1.82	14.36
1975	1.80	2.96	3.21	2.93	0.67	1.42	0.78	1.07	0.20	3.57	2.25	1.29	22.13
1976	2.22	5.35	1.08	1.47	0.79	1.12	1.06	1.00	1.51	0.58	0.05	0.07	16.28
1977	0.87	1.29	1.10	0.27	3.40	1.42	0.65	0.77	0.79	0.23	2.65	3.92	17.36
1978	1.42	3.09	1.15	4.37	0.78	0.64	1.19	0.70	1.00	0.02	1.70	1.15	17.21
1979	1.71	2.45	1.19	1.43	1.99	0.53	0.20	2.67	0.02	2.34	1.55	1.97	18.07
1980	3.06	1.81	2.46	1.81	3.63	1.11	0.56	0.10	2.59	0.72	1.14	2.33	21.33
1981	1.11	1.64	2.23	2.72	2.01	1.13	0.21	0.19	0.22	2.07	3.60	5.27	22.39
1982	4.15	2.33	3.45	2.48	1.28	2.49	1.11	0.54	1.87	1.63	3.21	3.03	27.57
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	52.47	37.52	35.41	35.81	33.47	34.60	10.01	18.34	18.49	29.56	46.15	49.76	401.61
MIN	0.78	0.40	0.27	0.27	0.20	0.31	0.00	0.00	0.00	0.02	0.05	0.07	11.16
MAX	6.53	5.35	4.05	4.37	3.63	4.86	1.19	4.89	3.91	3.57	4.67	7.51	27.57
MEAN	2.50	1.79	1.69	1.71	1.59	1.65	0.48	0.87	0.88	1.41	2.20	2.37	19.12
S.O.	1.52	1.16	1.04	1.03	0.98	1.19	0.39	1.13	0.94	1.02	1.25	1.67	4.03

Table A.14.--Monthly precipitation in inches at Reynolds, Idaho Site 155X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.92	3.53	2.87	2.59	2.64	0.45	0.30	0.19	0.77	3.70	2.20	1.99	23.17
1963	3.47	3.65	2.24	4.66	3.00	4.34	0.13	0.97	0.71	1.25	5.74	1.47	31.64
1964	5.31	0.68	2.80	1.35	1.42	2.63	0.21	1.51	0.60	0.59	6.30	12.52	35.92
1965	7.59	1.34	0.68	2.42	2.85	2.05	0.58	1.56	0.71	0.56	1.78	1.10	23.23
1966	2.07	1.97	2.61	1.33	1.13	0.63	0.00	0.06	0.54	0.76	4.27	4.15	19.53
1967	6.97	1.86	1.14	3.09	1.65	2.53	0.77	0.00	0.90	1.86	2.71	1.77	25.26
1968	1.70	4.21	1.17	1.39	1.21	0.86	0.14	4.17	0.35	1.31	4.26	4.63	25.41
1969	10.59	1.99	0.92	1.59	0.39	2.79	0.39	0.00	0.39	2.06	0.52	4.37	26.01
1970	10.45	1.66	3.16	3.14	1.90	2.20	0.50	0.42	0.99	2.79	7.05	4.97	39.23
1971	5.68	2.49	6.20	2.02	2.00	4.05	1.10	0.80	3.29	2.25	5.78	5.38	41.05
1972	6.32	4.87	4.07	1.91	1.74	2.12	0.00	1.24	1.87	2.47	1.84	5.21	33.66
1973	2.82	1.10	1.62	4.07	1.67	0.59	1.29	0.54	2.06	1.57	6.56	4.93	28.82
1974	3.60	1.80	6.15	1.51	0.57	1.28	1.27	0.37	0.00	2.99	1.93	3.29	24.77
1975	2.95	4.92	5.86	2.99	1.19	1.81	1.84	1.32	0.15	7.17	2.16	2.78	35.15
1976	3.56	3.86	2.48	2.11	0.64	1.48	0.72	1.58	1.50	1.13	0.22	0.23	19.50
1977	1.07	1.74	2.29	0.32	3.40	1.41	0.77	1.68	1.29	0.43	4.87	6.17	25.44
1978	2.74	3.64	1.81	4.87	0.91	0.93	0.62	1.07	0.97	0.07	2.39	1.86	21.88
1979	3.31	3.71	1.44	2.25	2.26	0.47	0.10	2.14	0.16	3.42	2.72	1.47	23.45
1980	5.14	3.10	2.93	1.02	3.52	1.52	0.83	0.14	3.27	0.93	1.59	3.86	27.86
1981	1.31	2.79	3.43	2.85	2.23	1.23	0.29	0.12	0.29	2.90	5.67	9.18	32.29
1982	4.40	4.88	4.02	2.99	0.96	2.22	1.55	0.62	2.21	3.53	4.21	5.17	36.76
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	92.98	59.80	59.90	50.49	37.30	37.59	13.40	20.49	23.03	43.73	74.78	86.50	599.99
MIN	1.07	0.68	0.68	0.32	0.39	0.45	0.00	0.00	0.00	0.07	0.22	0.23	19.50
MAX	10.59	4.92	6.20	4.87	3.52	4.34	1.84	4.17	3.29	7.17	7.05	12.52	41.05
MEAN	4.43	2.85	2.85	2.40	1.78	1.79	0.64	0.98	1.10	2.08	3.56	4.12	28.57
S.O.	2.73	1.31	1.65	1.17	0.92	1.08	0.53	0.98	0.96	1.60	2.07	2.85	6.43

Table A.15.--Monthly precipitation in inches at Reynolds, Idaho Site 163X20.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	4.11	7.15	5.17	2.00	4.33	0.33	0.31	0.16	0.49	3.48	3.21	1.92	32.66
1963	4.80	6.25	2.15	7.01	2.66	4.27	0.15	0.99	0.81	1.93	9.48	3.63	44.13
1964	11.38	1.17	4.43	2.34	1.91	3.05	0.33	1.08	1.00	1.33	8.29	14.87	51.18
1965	13.58	1.82	0.91	3.63	3.32	2.78	0.55	1.67	0.48	1.74	6.75	2.45	39.68
1966	5.73	2.78	4.42	2.21	0.94	0.86	0.00	0.06	0.60	1.80	8.76	6.10	34.25
1967	13.22	2.34	2.98	4.69	2.64	3.15	0.80	0.00	0.53	1.91	4.74	4.34	41.33
1968	3.84	5.94	2.91	2.75	2.05	1.23	0.11	5.63	0.91	1.43	6.97	6.48	40.26
1969	16.54	3.76	0.94	3.32	0.78	4.63	0.37	0.00	0.65	2.95	0.96	7.36	42.26
1970	14.81	2.01	4.58	4.72	2.49	3.03	0.58	0.57	1.52	3.70	8.38	11.59	57.97
1971	9.51	3.20	8.86	3.42	1.95	4.13	1.16	0.84	3.17	2.59	6.06	8.76	53.64
1972	8.41	6.42	5.20	3.68	3.27	2.28	0.00	0.80	2.13	2.54	3.54	6.90	45.17
1973	4.32	2.67	2.38	4.68	1.39	1.45	0.80	0.41	3.00	2.61	11.95	8.49	44.16
1974	6.81	3.76	9.63	3.64	0.88	0.73	1.12	0.28	0.00	3.53	3.22	7.72	41.32
1975	5.56	9.98	10.80	5.48	1.96	3.10	2.06	1.72	0.16	7.17	3.26	5.26	56.52
1976	6.19	7.25	4.15	3.79	0.97	2.62	0.94	1.78	1.89	2.62	0.80	0.67	33.68
1977	2.73	3.24	4.60	0.75	6.41	1.39	1.11	1.52	1.83	0.95	6.74	8.05	39.30
1978	6.19	6.21	3.54	8.87	1.00	1.46	0.51	1.07	1.63	0.06	3.74	3.60	37.87
1979	7.25	8.32	3.36	5.37	3.45	0.96	0.18	3.42	0.10	3.55	5.51	3.68	45.15
1980	7.73	6.05	6.05	1.41	7.46	2.39	1.63	0.19	3.60	1.34	2.56	4.05	44.46
1981	3.37	2.76	5.82	4.03	4.05	1.88	0.42	0.09	0.64	4.16	7.13	13.08	47.43
1982	6.63	5.00	8.21	4.45	1.64	3.11	2.35	1.62	3.82	4.80	7.60	7.45	56.67
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	162.71	98.09	101.07	82.22	55.55	48.82	15.47	23.90	28.95	56.21	119.65	136.45	929.08
MIN	2.73	1.17	0.91	0.75	0.78	0.33	0.00	0.00	0.00	0.06	0.80	0.67	32.66
MAX	16.54	9.98	10.80	8.87	7.46	4.63	2.35	5.63	3.82	7.17	11.95	14.87	57.97
MEAN	7.75	4.67	4.81	3.92	2.65	2.32	0.74	1.14	1.38	2.68	5.70	6.50	44.24
S.O.	3.98	2.41	2.69	1.85	1.78	1.22	0.65	1.33	1.17	1.55	2.92	3.62	7.45

Table A.16.--Monthly precipitation in inches at Reynolds, Idaho Site 167X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	OEC	ANNUAL
1962	2.38	5.36	4.90	2.02	2.62	0.34	0.25	0.14	0.68	4.28	1.72	1.98	26.68
1963	3.92	4.86	1.72	5.29	2.51	4.05	0.07	0.11	0.85	1.22	7.83	0.86	34.29
1964	8.35	1.07	5.34	1.58	1.88	2.53	0.26	1.26	0.39	1.34	7.77	15.81	47.59
1965	10.30	1.68	1.36	3.42	6.53	2.25	0.58	2.24	0.41	0.51	3.58	2.53	35.40
1966	4.27	2.98	3.76	1.36	1.49	0.51	0.00	0.01	0.51	1.04	4.71	5.57	26.20
1967	9.76	2.40	2.70	4.13	2.94	3.70	0.67	0.09	0.51	1.90	3.71	3.36	35.87
1968	1.89	3.36	0.97	1.53	1.27	0.55	0.00	0.45	0.26	1.05	3.84	5.50	24.28
1969	9.86	2.48	1.30	1.16	0.70	2.45	0.26	0.00	0.23	1.89	0.62	3.62	24.56
1970	9.47	1.16	2.85	3.10	1.65	2.31	0.73	0.25	0.98	2.49	5.92	5.85	36.78
1971	6.33	2.65	5.43	2.09	1.65	2.81	0.77	0.81	2.79	2.14	3.86	4.88	36.20
1972	6.01	4.39	2.93	2.04	0.97	2.23	0.00	0.70	1.53	2.73	2.10	5.43	31.05
1973	3.27	2.18	1.96	3.15	1.39	0.63	0.82	0.67	1.22	1.54	8.59	5.87	31.29
1974	4.55	2.40	6.70	1.66	0.79	0.78	0.90	0.32	0.00	2.40	1.67	4.63	26.76
1975	4.92	7.55	7.05	4.37	1.38	1.67	1.67	1.41	0.05	5.96	3.56	3.45	43.03
1976	5.36	5.43	2.77	2.78	0.87	1.56	0.90	1.51	1.74	0.85	0.23	0.32	24.33
1977	1.45	2.36	2.95	0.39	4.51	1.96	0.95	1.12	1.13	0.51	5.51	6.88	29.72
1978	4.52	5.14	2.23	6.01	1.25	0.77	0.68	0.94	1.22	0.06	2.72	2.15	27.70
1979	4.25	4.78	1.53	2.28	2.59	0.65	0.27	3.54	0.02	3.60	3.44	2.61	29.57
1980	5.45	3.45	3.18	1.48	4.31	1.70	0.65	0.10	2.79	1.08	1.55	3.88	29.62
1981	2.12	2.39	3.86	2.95	2.43	1.29	0.31	0.19	0.34	2.73	5.47	9.64	33.73
1982	7.42	4.30	5.72	3.48	1.59	2.51	1.50	0.33	2.48	3.08	5.66	6.53	44.60
STATISTICS FOR 21 YEARS OF DATA													
TOTAL	115.86	72.36	71.20	56.28	45.33	37.22	12.24	20.78	20.13	42.39	84.08	101.36	679.25
MIN	1.45	1.07	0.97	0.39	0.70	0.34	0.00	0.00	0.00	0.06	0.23	0.32	24.28
MAX	10.30	7.55	7.05	6.01	6.53	4.05	1.67	4.05	2.79	5.96	8.59	15.81	47.59
MEAN	5.52	3.45	3.39	2.68	2.16	1.77	0.58	0.99	0.96	2.02	4.00	4.83	32.35
S.O.	2.76	1.65	1.81	1.42	1.44	1.06	0.46	1.11	0.87	1.41	2.34	3.33	6.69

Table A.17.--Monthly precipitation in inches at Reynolds, Idaho Site 174X17.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	4.26	6.37	4.67	2.82	3.60	0.35	0.50	0.12	0.58	3.60	3.08	1.86	31.80
1963	4.30	6.79	2.23	6.79	2.68	5.06	0.04	0.97	0.76	1.64	10.84	3.06	45.16
1964	10.99	1.15	6.38	3.10	2.18	2.50	0.22	1.14	1.01	1.18	8.25	15.71	53.82
1965	14.43	2.43	1.09	4.08	4.66	2.61	0.56	2.60	0.55	0.96	5.06	2.90	41.91
1966	7.01	4.22	5.31	2.72	1.37	0.79	0.00	0.04	0.41	2.18	7.34	6.80	38.19
1967	14.62	3.47	3.68	6.40	3.30	3.89	0.76	0.04	0.67	2.65	4.93	4.24	48.65
1968	3.21	6.43	2.36	1.84	2.06	1.06	0.15	6.67	0.74	1.47	6.85	5.58	38.42
1969	10.68	2.42	1.26	2.95	0.52	4.84	0.54	0.00	0.35	3.09	0.98	4.74	32.38
1970	12.54	0.89	4.01	3.92	2.80	3.57	0.63	0.32	1.81	3.08	7.03	4.93	45.52
1971	8.62	3.71	7.31	3.13	2.51	3.53	0.59	0.68	3.84	2.79	7.71	6.54	50.95
1972	7.22	5.67	4.38	3.36	2.09	2.44	0.00	0.90	2.11	2.58	3.13	5.68	35.54
1973	3.74	3.23	2.43	4.60	1.57	0.98	1.44	0.59	2.51	2.12	9.55	6.74	39.51
1974	4.66	2.61	7.44	1.85	0.91	1.03	1.28	0.15	0.00	2.95	2.52	8.77	34.18
1975	5.37	7.59	8.01	4.33	2.12	2.19	2.42	1.53	0.17	6.21	3.52	4.92	48.38
1976	5.77	6.37	4.39	3.47	0.95	2.21	0.80	1.48	1.79	1.78	0.80	0.35	30.17
1977	2.41	2.88	4.73	0.75	4.60	1.42	1.17	1.49	1.47	0.65	6.80	7.48	35.85
1978	5.59	5.72	3.16	6.29	1.33	1.40	0.38	1.12	1.38	0.18	3.99	3.73	34.28
1979	7.43	5.93	3.02	4.55	3.43	0.66	0.12	2.40	0.16	3.08	5.64	3.11	39.52
1980	6.38	4.72	5.41	1.57	5.08	1.91	0.92	0.21	3.28	1.06	2.54	3.67	36.74
1981	2.77	2.74	5.59	3.55	2.91	1.59	0.37	0.18	0.59	3.18	5.70	12.09	41.23
1982	5.82	3.59	6.30	3.32	1.18	2.15	2.16	0.64	3.45	4.32	6.27	7.02	46.22

STATISTICS FOR 21 YEARS OF DATA

TOTAL	147.83	88.91	93.17	75.39	51.85	46.17	15.05	23.26	27.62	50.74	112.51	119.92	852.41
MIN	2.41	0.88	1.09	0.75	0.52	0.35	0.00	0.00	0.00	0.18	0.80	0.35	30.17
MAX	14.62	7.59	8.01	6.79	5.08	5.06	2.42	6.67	3.84	6.21	10.84	15.71	53.82
MEAN	7.04	4.23	4.44	3.59	2.47	2.20	0.72	1.11	1.32	2.42	5.36	5.71	40.59
S.D.	3.66	1.94	1.99	1.56	1.29	1.33	0.67	1.48	1.15	1.37	2.69	3.43	6.60

Table A.18.--Monthly precipitation in inches at Reynolds, Idaho Site 176X07.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1962	1.41	4.00	3.82	1.68	2.39	0.20	0.40	0.15	0.68	3.41	1.90	1.41	21.44
1963	3.43	4.79	1.49	5.39	3.02	4.54	0.00	0.65	0.85	1.32	8.68	1.87	36.03
1964	7.12	0.56	3.82	1.09	1.65	3.02	0.06	1.34	1.01	1.27	7.17	13.59	41.71
1965	12.40	1.42	0.67	3.28	4.50	2.61	0.60	2.32	0.87	0.67	3.58	2.27	35.20
1966	4.61	2.50	3.04	1.46	1.40	0.83	0.00	0.04	0.62	1.42	6.08	4.35	26.35
1967	10.16	2.24	2.45	4.16	2.62	3.27	0.65	0.14	0.46	2.38	4.03	3.33	35.90
1968	2.77	4.90	2.08	1.81	1.64	0.66	0.08	4.48	0.42	1.25	5.18	6.60	31.86
1969	12.65	3.88	1.34	1.72	0.63	3.81	0.26	0.00	0.22	2.47	0.92	5.42	33.32
1970	14.96	1.52	3.53	3.92	2.17	2.69	0.75	0.29	1.16	3.25	7.74	9.06	51.05
1971	10.19	4.12	8.51	3.02	3.14	4.03	0.64	0.81	3.63	2.85	6.44	10.14	57.52
1972	9.12	6.83	4.87	2.81	1.83	2.58	0.01	1.12	1.92	2.71	2.55	5.88	42.24
1973	3.89	2.49	2.50	4.40	1.64	1.01	1.02	0.67	1.83	1.87	10.14	8.28	39.75
1974	6.72	3.75	8.28	3.29	0.73	1.13	1.16	0.21	0.00	2.68	2.66	6.92	37.55
1975	6.58	10.24	10.29	5.15	1.50	2.18	1.73	1.66	0.03	5.60	4.64	4.80	54.40
1976	6.93	7.08	4.02	2.77	1.02	1.73	0.77	1.47	1.78	1.42	0.45	0.35	29.79
1977	1.89	2.74	3.96	0.41	4.16	2.16	1.10	1.26	1.23	0.67	7.22	7.91	34.71
1978	5.59	6.44	2.78	7.64	1.10	0.89	0.66	1.12	1.51	0.10	3.59	3.06	34.49
1979	6.44	6.33	2.47	3.55	2.93	0.58	0.25	3.08	0.04	3.40	5.12	2.98	37.16
1980	7.29	4.66	5.35	1.64	5.08	1.72	0.91	0.15	3.08	1.08	2.28	4.06	37.30
1981	2.83	2.82	5.12	3.04	2.77	1.46	0.31	0.15	0.46	3.13	6.20	14.08	42.37
1982	8.70	4.96	7.39	4.01	1.43	2.71	1.83	0.24	3.12	4.68	6.50	8.06	53.63

STATISTICS FOR 21 YEARS OF DATA

TOTAL	145.67	88.28	87.80	66.24	47.36	43.81	13.18	21.35	24.92	47.65	103.08	124.42	813.76
MIN	1.41	0.56	0.67	0.41	0.63	0.20	0.00	0.00	0.00	0.10	0.45	0.35	21.44
MAX	14.96	10.24	10.29	7.64	5.08	4.54	1.83	4.48	3.63	5.60	10.14	14.08	57.52
MEAN	6.94	4.20	4.18	3.15	2.26	2.09	0.63	1.02	1.19	2.27	4.91	5.92	38.75
S.D.	3.71	2.29	2.56	1.68	1.22	1.22	0.53	1.14	1.05	1.37	2.60	3.75	9.18

Table A.19.--Monthly precipitation in inches at Reynolds, Idaho Site 176X14.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	2.17	3.29	1.71	1.41	1.29	0.51	0.06	4.95	0.46	1.17	5.62	5.11	27.76
1969	10.96	2.02	0.97	1.83	0.62	3.20	0.25	0.00	0.21	2.64	0.83	3.64	27.16
1970	9.13	0.72	3.77	4.52	2.39	3.15	0.60	0.23	1.25	2.90	7.71	7.40	43.78
1971	8.24	2.70	4.27	2.70	2.15	4.34	0.49	0.72	3.30	1.93	4.99	5.97	41.71
1972	4.27	3.47	2.72	1.68	1.45	2.87	0.01	1.63	2.43	2.59	2.82	4.43	30.38
1973	3.35	2.02	1.52	3.27	1.66	0.78	1.05	0.64	2.07	1.40	6.71	4.31	28.78
1974	2.13	1.42	5.87	1.34	0.54	1.23	1.11	0.24	0.00	3.10	1.49	4.96	23.44
1975	3.42	4.31	4.31	3.39	0.93	1.97	1.78	1.91	0.03	5.15	2.75	3.79	33.74
1976	3.53	4.57	2.05	2.25	0.98	2.12	0.71	1.25	1.70	1.09	0.50	0.30	21.03
1977	1.89	2.64	3.95	0.62	4.13	1.91	1.01	1.33	1.19	0.53	6.48	6.14	31.81
1978	3.77	6.53	2.47	5.89	1.04	0.98	0.73	1.37	1.52	0.04	3.06	2.14	29.53
1979	3.91	5.04	1.84	2.73	2.40	0.51	0.17	2.65	0.05	2.64	3.58	3.11	28.62
1980	5.78	3.21	3.33	1.02	4.48	1.58	0.88	0.18	3.15	1.12	2.15	3.26	30.12
1981	2.63	2.34	5.82	2.54	2.73	1.32	0.31	0.11	0.45	2.90	5.24	7.71	34.10
1982	6.70	2.64	5.00	2.77	1.50	2.52	1.87	0.21	2.91	3.47	3.88	4.19	37.66

STATISTICS FOR 15 YEARS OF DATA

TOTAL	71.90	46.91	49.60	37.98	28.28	29.00	11.02	17.40	20.70	32.66	57.71	66.45	469.61
MIN	1.89	0.72	0.97	0.62	0.54	0.51	0.01	0.00	0.00	0.04	0.50	0.30	21.03
MAX	10.96	6.53	5.87	5.89	4.48	4.34	1.87	4.95	3.30	5.15	7.71	7.71	43.78
MEAN	4.79	3.13	3.31	2.53	1.89	1.93	0.73	1.16	1.38	2.18	3.85	4.43	31.31
S.D.	2.78	1.50	1.56	1.38	1.19	1.12	0.57	1.31	1.18	1.32	2.20	1.93	6.18

Section B

STREAMFLOW AND RUNOFF

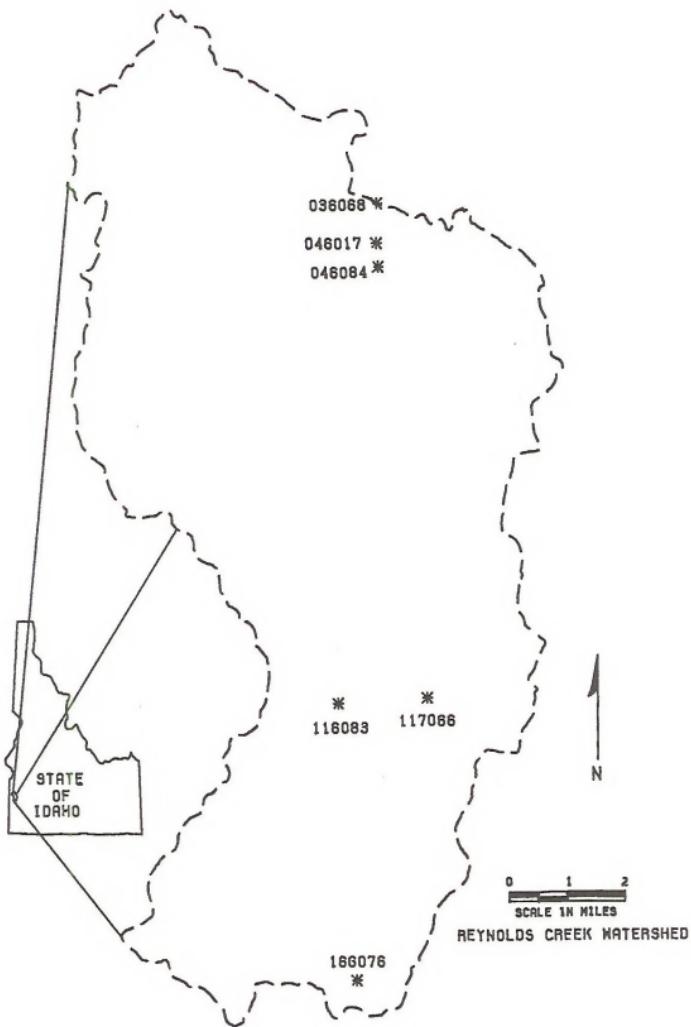


Figure B.1.--Runoff sites.

Table 8.1.a.--Monthly runoff in inches at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1964	0.00670	0.05820	0.05721	0.14691	0.09800	0.21688	0.45582	0.67857	0.45373	0.04018	0.00924	0.00628	2.44970
1965	0.00982	0.03555	1.58115	1.50114	0.92666	0.38911	1.07516	1.15618	0.36989	0.07138	0.09754	0.03810	7.05369
1966	0.05575	0.06304	0.04825	0.07150	0.05465	0.18649	0.16599	0.06931	0.03469	0.00637	0.0188	0.00250	0.75221
1967	0.15134	0.19980	0.03259	0.04540	0.26058	0.09554	0.04353	0.03683	0.02348	0.01232	0.01794	0.00573	0.61036
1969	0.00488	0.01457	0.03427	0.08821	0.16197	0.40116	1.15953	0.64421	0.23956	0.03154	0.01825	0.01075	3.60360
1970	0.01458	0.01678	0.04105	0.16197	0.25970	0.30749	0.27057	0.83143	0.24499	0.05408	0.02296	0.01676	2.70019
1971	0.01559	0.03500	0.21256	0.95021	0.38398	0.86909	0.91897	0.91497	0.29901	0.07380	0.02488	0.02120	4.77778
1972	0.06008	0.11716	0.19294	0.64455	0.57735	0.24979	0.86307	0.83586	0.60095	0.06968	0.02876	0.02293	6.07111
1973	0.05044	0.08119	0.17985	0.23562	0.12464	0.15179	0.51254	0.39136	0.06775	0.02712	0.01428	0.00899	1.84558
1974	0.01358	0.05065	0.17263	0.49028	0.20886	1.19787	1.03694	0.40702	0.06149	0.01658	0.01157	4.37331	
1975	0.02008	0.04461	0.04813	0.11162	0.26625	0.61693	0.69589	1.24646	0.82802	0.18508	0.03190	0.02163	4.11661
1976	0.08948	0.09238	0.22702	0.22991	0.16231	0.28034	0.63405	0.81996	0.21356	0.04086	0.02958	0.02441	2.84386
1977	0.02916	0.03326	0.03312	0.03750	0.03617	0.03530	0.03203	0.05233	0.04744	0.00620	0.00355	0.00256	0.34858
1978	0.00274	0.01293	0.10599	0.13877	0.26068	0.73263	0.88473	0.82762	0.21239	0.06529	0.03128	0.02600	
1979	0.01893	0.03365	0.05993	0.33026	0.30915	0.38678	0.17806	0.59649	0.10166	0.02429	0.01669	0.01460	0.26349
1980	0.01832	0.02632	0.03791	0.22283	0.25759	0.26239	0.38643	0.55732	0.41604	0.03388	0.01549	0.02039	2.58092
1981	0.02807	0.03780	0.09894	0.07848	0.22450	0.14504	0.38176	0.24849	0.11966	0.02364	0.01199	0.00282	1.40220
1982	0.01050	0.03706	0.45405	0.27806	2.07251	0.92282	1.33981	1.03139	0.42037	0.19281	0.03864	0.03849	6.83650
STATISTICS FOR 19 YEARS OF DATA													
MIN	0.00274	0.01293	0.03312	0.03750	0.03617	0.03530	0.03200	0.03683	0.02348	0.00620	0.00188	0.00250	0.34858
MAX	0.08948	0.11716	1.39116	1.59114	2.07251	0.24979	1.33981	1.24646	0.82802	0.19281	0.09754	0.03849	7.05369
MEAN	0.02531	0.04697	0.18329	0.38474	0.35342	0.49520	0.59873	0.64682	0.30679	0.05755	0.02855	0.01550	1.31688
S.D.	0.02373	0.03082	0.31102	0.40111	0.45520	0.49260	0.40621	0.35517	0.23301	0.05159	0.02073	0.01068	1.98751

Table 8.1.b.--Monthly average flow in cubic feet per second at Reynolds Cr. Outlet (Reynolds, Idaho Site 036068).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1964	0.6808	5.5166	4.4779	11.4998	8.2002	16.9763	53.0460	53.1157	37.5087	3.1450	0.7236	0.5075
1965	0.7680	2.8753	108.8944	124.5475	71.8137	30.4583	86.9466	90.5014	29.9188	5.5872	7.6351	3.0821
1966	4.3639	5.1635	3.7767	5.5963	4.7357	14.5978	13.5070	5.4255	2.8055	0.4983	0.1474	0.2022
1967	0.4608	1.5351	4.2205	15.9789	14.4974	12.6373	10.5565	52.6825	58.6514	2.2905	0.7163	0.6811
1968	1.2012	1.6160	2.6297	3.5534	21.8125	7.4780	3.5212	2.8827	1.9000	0.9640	1.4042	0.4534
1969	0.3815	1.1788	2.6821	69.1104	14.0368	31.4009	93.7892	50.4260	19.3773	2.4690	1.1464	0.5600
1970	1.1411	1.3575	3.2134	46.5147	24.0562	24.0689	21.8846	65.0811	19.8164	4.2335	4.7974	1.5564
1971	1.2202	7.5628	16.6382	74.3790	33.2770	68.4262	42.5162	71.5852	29.0075	5.1457	1.9489	1.7149
1972	5.3286	9.4765	15.1024	50.4529	48.3162	160.4492	69.8097	10.2723	48.5080	5.4540	2.2514	1.8545
1973	3.9485	6.0949	14.7078	18.3944	18.8014	41.4570	30.63293	5.4806	2.1231	1.1178	0.7273	
1974	1.0295	4.0965	5.5126	3.931	18.1005	93.7646	83.8747	55.7291	32.4122	4.8135	1.2954	0.9356
1975	1.5517	3.6087	3.7572	8.7372	23.0736	46.2910	56.2875	57.5684	66.9745	14.4874	2.4974	1.7494
1976	7.0038	7.4721	17.7703	17.9965	13.5812	21.9438	51.2848	64.1830	17.2741	3.1985	2.3153	1.9747
1977	2.2824	2.6903	2.5924	2.9348	3.1353	2.7631	2.5888	4.0957	3.8376	0.4853	0.2781	0.2069
1978	0.2142	1.0455	8.2964	10.8625	22.5915	71.5617	64.7826	17.1796	5.1107	2.4465	1.1792	
1979	1.4816	2.7220	4.6910	25.8518	26.7916	30.2757	14.4028	46.6906	8.2224	1.9010	0.8056	1.1321
1980	1.4340	1.6433	2.9671	17.4419	21.5538	31.2564	43.6250	33.6517	3.4350	1.2129	1.6491	
1981	2.2759	3.0573	7.7452	6.1432	19.4562	11.3531	30.3874	19.4508	9.6785	1.8507	0.9385	0.2286
1982	0.8218	2.9975	35.5411	21.7653	179.6093	72.2348	108.3706	80.7327	34.0020	15.0921	3.0249	3.1133
STATISTICS FOR 19 YEARS OF DATA												
MIN	0.2142	1.0455	2.5924	2.9348	3.1353	2.7631	2.5888	4.0957	3.8376	0.4853	0.1474	0.2022
MAX	7.0038	9.4765	108.8944	124.5475	179.6093	160.4492	108.3706	97.5864	66.9745	15.0921	7.6351	3.1133
MEAN	1.9812	3.7791	14.3472	30.1159	30.4149	38.7626	48.3880	50.7133	24.8150	4.3640	1.7887	1.2541
S.D.	1.8575	2.4930	24.3456	31.3970	39.4427	36.5585	32.8567	27.8017	18.2470	4.0386	1.6230	0.8636

Table 8.1.2a.--Monthly runoff in inches at Salmon Creek (Reynolds, Idaho Site 046017).

WATER YEAR	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1965	0.02019	0.05392	1.20077	5.60460	0.76255	0.23131	0.32216	0.73454	0.21967	0.07072	0.25311	0.09407	9.56761
1966	0.09443	0.09857	0.07414	0.09774	0.08076	0.23577	0.23323	0.08301	0.03395	0.00696	0.00325	0.00656	1.04836
1967	0.02055	0.06257	0.14641	0.40148	0.32935	0.26704	0.34757	0.32660	0.30377	0.03077	0.00249	0.00332	2.24194
1968	0.02145	0.04413	0.05993	0.07840	0.29177	0.14700	0.07142	0.04508	0.00731	0.00203	0.00119	0.00072	0.77043
1969	0.00792	0.03807	0.05399	1.02447	0.31025	0.47215	0.87761	0.24117	0.08878	0.01695	0.00166	0.00983	3.14283
1970	0.02725	0.03879	0.07065	1.22009	0.32386	0.44081	0.35453	0.07019	0.02717	0.02277	0.00203	0.00597	3.07363
1971	0.03637	0.12525	0.27569	1.07236	0.28935	0.87841	0.54432	0.23283	0.09701	0.03789	0.00402	0.01881	3.61225
1972	0.09047	0.19253	0.40448	1.14088	0.79999	1.83111	0.51739	0.17953	0.19569	0.03709	0.01830	0.03003	5.50439
1973	0.06544	0.11323	0.25538	0.30625	0.16371	0.20334	0.78473	0.17093	0.05652	0.01183	0.00282	0.00974	2.14393
1974	0.03435	0.11150	0.28069	0.56577	0.23031	1.24430	0.55707	0.19588	0.06152	0.02177	0.00401	0.00516	3.31236
1975	0.03080	0.06869	0.11182	0.39207	0.85848	0.80181	0.17870	0.18790	0.04148	0.01211	0.00968	0.01968	3.54463
1976	0.03582	0.06869	0.24239	0.44747	0.11861	0.20947	0.42265	0.11865	0.02126	0.00566	0.00205	0.00025	2.34279
1977	0.05279	0.05774	0.04809	0.06619	0.06732	0.09232	0.07142	0.04508	0.00731	0.00203	0.00025	0.00013	4.62220
1978	0.02216	0.05349	0.15738	0.24943	0.49268	0.90696	0.94935	0.44282	0.09209	0.04156	0.01111	0.00751	3.39655
1979	0.01726	0.03266	0.04635	0.40947	0.41181	0.57479	0.35512	0.33176	0.05676	0.00639	0.00090	0.00375	2.24703
1980	0.01114	0.04118	0.07902	0.34113	0.33223	0.37950	0.32807	0.27406	0.36257	0.02671	0.00195	0.00963	2.18719
1981	0.03083	0.04862	0.20655	0.13149	0.38709	0.39450	0.64945	0.24536	0.11872	0.00901	0.00111	0.00048	2.22322
1982	0.01544	0.08220	0.57128	0.30581	2.01041	0.86307	1.07618	0.42394	0.15156	0.08547	0.01741	0.01905	5.62182
STATISTICS FOR 18 YEARS OF DATA													
MIN	0.00216	0.03266	0.04635	0.06619	0.06732	0.09232	0.07142	0.04508	0.00731	0.00203	0.00025	0.00013	9.62220
MAX	0.14392	0.19253	1.20077	5.60460	0.21041	1.83110	1.07618	0.84791	0.36257	0.08547	0.25311	0.09407	1.05761
MEAN	0.04063	0.07611	0.23735	0.75327	0.43816	0.57919	0.52913	0.30479	0.12761	0.02712	0.01884	0.01468	3.14687
S.O.	0.03757	0.04157	0.27897	1.26953	0.43709	0.44734	0.28649	0.20824	0.09433	0.02279	0.05874	0.02174	2.09756

Table 8.1.2b.--Monthly average flow in cubic feet per second at Salmon Creek (Reynolds, Idaho Site 046017).

WATER YEAR	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1965	0.2460	0.6789	14.6307	68.2891	10.2868	2.8183	4.0562	8.9500	2.7658	0.8616	3.0840	1.1844
1966	1.1506	1.2410	0.9033	1.1910	1.1894	0.8727	2.9365	1.0114	0.4274	0.0498	0.0395	0.0097
1967	0.2503	0.7878	0.7878	0.8519	4.4430	3.2550	4.47765	3.9795	3.8246	0.0449	0.0171	0.00418
1968	0.2614	0.5555	0.7702	0.3552	3.8002	1.4211	0.8933	0.5304	0.0212	0.0244	0.0146	0.0092
1969	0.0566	0.11333	0.6578	4.1853	5.7529	11.0497	2.3985	1.1177	0.2065	0.0203	0.1237	
1970	0.3321	0.4684	0.8606	14.8661	4.3689	3.3710	5.2919	4.3197	1.3493	0.2775	0.0748	0.0752
1971	0.4432	1.5763	3.3592	13.0662	3.9033	10.7029	6.8534	2.8369	1.2214	0.4616	0.0490	0.2367
1972	1.2120	2.2424	4.9274	3.1117	10.1419	22.3110	6.5143	2.8941	2.4638	0.4519	0.2229	0.3781
1973	0.7973	1.4256	3.1117	3.7315	2.2085	2.4777	9.8802	2.0826	0.7117	0.1441	0.0344	0.1227
1974	0.4186	1.4038	3.4201	6.8936	3.1069	15.1616	7.0138	2.3867	0.7745	0.2653	0.0488	0.0649
1975	0.3761	0.8568	1.2012	2.3895	5.2890	10.4601	10.0952	10.3314	2.3657	0.5053	0.1301	0.1245
1976	1.7536	1.3433	2.9607	4.2309	2.7523	4.9284	7.0518	2.5523	1.2517	0.1860	0.1558	0.3734
1977	0.6372	0.7269	0.5860	0.8065	0.9081	1.1249	1.1255	1.0772	0.7130	0.0419	0.0030	0.0016
1978	0.0264	0.6735	1.9176	3.0392	6.6463	11.0508	11.9529	5.3955	1.1594	0.5064	0.0136	0.0946
1979	0.2103	0.4113	0.5647	4.9893	5.5552	7.0345	4.4712	4.0424	0.7147	0.0779	0.0110	0.0473
1980	0.1358	0.5185	0.9628	4.1565	4.3272	4.6240	4.1305	3.3392	4.5650	0.3254	0.0238	0.1213
1981	0.3756	0.6122	2.5167	1.6022	5.2218	4.8068	8.1769	2.9896	1.4948	0.1098	0.0135	0.0680
1982	0.1882	1.0350	6.9607	3.7261	27.1203	10.5160	13.5498	5.1655	1.9083	1.0414	0.2121	0.2398
STATISTICS FOR 18 YEARS OF DATA												
MIN	0.0264	0.4113	0.5647	0.8065	0.9081	1.1249	0.8993	0.5493	0.0921	0.0246	0.0030	0.0016
MAX	1.7536	2.2424	14.6307	68.2891	27.1203	22.3110	13.5498	10.3314	4.5650	1.0414	3.0840	1.1844
MEAN	0.4951	0.9582	1.8920	5.1783	5.8685	7.0571	6.6623	3.7134	1.6067	0.3304	0.2295	0.1849
S.O.	0.4577	0.5233	3.3992	15.4665	5.8869	5.4506	3.6071	2.5372	1.1877	0.2777	0.7158	0.2737

Table B.1.3a.--Monthly runoff in inches at Macks Creek (Reynolds, Idaho Site 046084).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1965	0.00393	0.00961	0.05561	7.36836	1.47585	0.33818	0.51309	0.49304	0.09039	0.02400	0.04691	0.02628	10.44525
1966	0.04460	0.05523	0.04012	0.06652	0.05653	0.17843	0.10881	0.04407	0.09557	0.02689	0.01019	0.0079	0.06244
1967	0.00048	0.00081	0.02684	0.40033	0.25960	0.20505	0.22140	0.21899	0.18655	0.00252	0.00258	0.00119	1.53524
1968	0.00186	0.00429	0.02665	0.03512	0.25665	0.08481	0.15262	0.15262	0.09116	0.00231	0.00094	0.00060	4.4962
1969	0.00063	0.00128	0.00829	1.23973	0.23846	0.23633	0.7399	0.12316	0.0397	0.01523	0.00285	0.00227	2.92210
1970	0.00343	0.00416	0.01872	0.88004	0.34036	1.07395	0.59786	0.12895	0.06995	0.02012	0.00563	0.00418	3.78499
1971	0.00177	0.00738	0.15780	1.35758	0.33038	1.07395	0.59786	0.12895	0.06995	0.02012	0.00563	0.00418	3.78499
1972	0.01558	0.02155	0.22242	0.95214	0.76044	0.96658	0.56070	0.14641	0.13262	0.02376	0.00260	0.00181	4.84023
1973	0.01141	0.01898	0.22709	0.76582	0.12736	0.18585	0.73403	0.11574	0.02677	0.00308	0.00103	0.00072	1.7618
1974	0.00136	0.04675	0.21344	0.62573	0.21707	1.65697	0.77136	0.14314	0.03867	0.00762	0.00152	0.00028	3.72381
1975	0.00114	0.00655	0.04522	0.14758	0.55284	1.31595	1.36196	1.14727	0.13805	0.04693	0.01280	0.01131	4.78760
1976	0.10278	0.09877	0.27661	0.34631	0.24918	0.51323	0.73950	0.17692	0.09163	0.02575	0.02352	0.02282	2.66702
1977	0.03912	0.04958	0.04252	0.04633	0.05949	0.05432	0.05255	0.04792	0.02706	0.00628	0.00066	0.00074	4.2676
1978	0.00108	0.00094	0.06265	0.20647	0.41041	1.02573	0.86504	0.34064	0.05448	0.02674	0.00465	0.00378	3.0642
1979	0.00421	0.02120	0.03776	0.43961	0.41181	0.60274	0.32294	0.22977	0.01770	0.00417	0.00199	0.00117	2.09507
1980	0.00232	0.01787	0.06042	0.24987	0.29737	0.32334	0.21403	0.19731	0.24207	0.02346	0.00252	0.00661	1.63718
1981	0.01063	0.04506	0.13362	0.08100	0.30752	0.24076	0.40626	0.14972	0.05672	0.01172	0.00304	0.00182	1.45322
1982	0.01072	0.04462	0.41855	0.25870	2.20713	1.03772	1.38426	0.30713	0.07587	0.07134	0.01783	0.01443	5.84825
STATISTICS FOR 18 YEARS OF DATA													
MIN	0.00048	0.00081	0.00829	0.03512	0.05653	0.05432	0.05201	0.02093	0.00816	0.00231	0.00086	0.00028	0.42676
MAX	0.10278	0.08877	0.41855	7.36836	2.20713	1.96658	1.38426	1.14727	0.24207	0.07134	0.04691	0.02628	10.44525
MEAN	0.01434	0.03268	0.11498	0.82892	0.47009	0.64708	0.55087	0.23295	0.07448	0.01855	0.00752	0.00568	2.99813
S.O.	0.02552	0.02988	0.11442	1.68112	0.54056	0.56759	0.39903	0.25487	0.06432	0.01759	0.01170	0.00790	2.42435

Table B.1.3b.--Monthly average flow in cubic feet per second at Macks Creek (Reynolds, Idaho Site 046084).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1965	0.0419	0.1055	0.5914	78.3549	17.3756	3.5962	5.6380	5.2430	0.9932	0.2552	0.4988	0.2888
1966	0.4742	0.6070	0.4266	0.7073	0.6655	1.8974	1.1955	0.4687	0.1052	0.0286	0.0116	0.0086
1967	0.0051	0.0088	0.2854	4.2571	3.0564	2.1803	2.4329	2.3287	2.0499	0.1225	0.0275	0.0131
1968	0.0198	0.0471	0.2856	0.3735	2.9179	0.9025	0.5715	0.2226	0.0896	0.0247	0.0099	0.0065
1969	0.0066	0.0141	0.0882	13.1832	2.8088	5.1844	8.4939	1.3097	0.4348	0.1620	0.0304	0.0250
1970	0.0365	0.0457	0.1140	9.1488	2.8662	2.9173	2.6425	1.7223	0.2844	0.0767	0.0292	0.0151
1971	0.0189	0.4103	1.6723	14.4365	3.8987	11.4204	6.5695	1.3713	0.7686	0.2144	0.0599	0.0460
1972	0.1657	0.9027	2.3652	9.8379	8.6442	20.9126	6.1612	1.5570	1.4574	0.2524	0.0277	0.0260
1973	0.1319	0.6810	2.4149	2.8267	1.4994	1.9763	8.0658	1.2308	0.2942	0.0329	0.0110	0.0179
1974	0.0145	0.5138	2.2697	6.6540	2.5556	17.6193	8.4761	1.5221	0.4246	0.0884	0.0032	0.0032
1975	0.0121	0.0719	0.4809	1.5693	6.5088	13.9937	14.9658	12.0000	1.1691	0.1991	0.1361	0.1242
1976	1.0930	1.0853	2.9414	3.6862	2.8325	5.4576	8.1259	8.8913	1.0688	0.2738	0.2501	0.2508
1977	0.4160	0.5448	0.4522	0.4927	0.7680	0.5777	0.5095	0.2974	0.0668	0.0091	0.0081	0.0081
1978	0.0115	0.0102	0.7045	2.1956	4.8319	10.9076	9.5055	3.6223	0.5987	0.2844	0.0516	0.0416
1979	0.0447	0.2330	0.4016	4.6748	4.4944	6.4095	3.5406	2.4433	0.1945	0.0443	0.0211	0.0129
1980	0.0247	0.1964	0.6425	2.6571	3.3803	3.4384	2.3518	2.0982	2.6600	0.2494	0.0268	0.0276
1981	0.1130	0.4951	1.4209	0.8614	3.6205	2.5602	4.4241	1.5921	0.7222	0.1246	0.0325	0.0201
1982	0.1140	0.4902	4.4508	2.7510	25.9852	11.0930	15.2108	3.2680	0.8337	0.7585	0.1896	0.1585
STATISTICS FOR 18 YEARS OF DATA												
MIN	0.0051	0.0088	0.0882	0.3735	0.6655	0.5777	0.5715	0.2226	0.0896	0.0247	0.0091	0.0032
MAX	1.0930	1.0853	4.4508	78.3549	25.9852	20.9126	15.2108	12.2000	2.6600	0.7585	0.2888	0.2888
MEAN	0.1524	0.3591	1.2227	8.8147	5.4993	6.8810	6.0532	4.2772	0.8185	0.1973	0.0759	0.0624
S.O.	0.2714	0.3284	1.2167	17.8679	6.3620	8.0358	4.3847	2.7103	0.7068	0.1871	0.1244	0.0868

Table 8.1.4a.--Monthly runoff in inches at Tollgate (Reynolds, Idaho Site 116083).

WATER YEAR	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1967	0.02939	0.08264	0.12732	0.36221	0.29206	0.47787	0.61284	3.85630	2.83970	0.32542	0.05733	0.03147	9.09454
1968	0.06467	0.08138	0.11124	0.10643	0.72541	0.45502	0.52085	0.59534	0.24262	0.02178	0.04228	0.01393	3.19545
1969	0.04383	0.16130	0.15659	1.45183	0.38842	0.68133	3.32721	3.86988	1.16473	0.20050	0.01228	0.04000	11.47010
1970	0.05358	0.07008	0.10138	1.19271	0.55875	0.65743	0.87279	4.07398	1.76371	0.18244	0.02270	0.02770	6.47373
1971	0.07619	0.34701	0.44798	1.59176	0.81905	0.36044	2.10442	0.44444	0.44444	0.35577	0.35226	0.07442	14.99021
1972	0.15986	0.20400	0.27922	1.01937	1.00004	3.98115	2.34001	4.28901	2.52495	0.38926	0.10354	0.08010	16.44547
1973	0.12404	0.14130	0.35001	0.18189	0.20854	0.35662	0.63488	2.22333	0.36969	0.07839	0.00881	0.03458	6.00060
1974	0.07222	0.18817	0.25079	0.85705	0.30765	2.02366	2.96600	3.54766	1.96139	0.36751	0.06302	0.02556	12.74882
1975	0.08132	0.10488	0.12866	1.17580	0.25538	1.00466	1.28492	5.20111	4.01107	0.85836	0.14531	0.06314	13.31460
1976	0.05626	0.17346	0.41238	0.28701	0.21398	0.56175	2.68676	4.08299	0.97013	0.17706	0.08290	0.06377	10.04709
1977	0.08747	0.08876	0.07409	0.07783	0.08180	0.10132	0.35503	0.43939	0.18183	0.02135	0.00065	0.00243	1.51193
1978	0.02411	0.09117	0.39320	0.25565	0.37878	1.83062	3.08588	3.66738	1.19941	0.26260	0.05582	0.06268	11.30798
1979	0.07730	0.08816	0.10362	0.27302	0.32094	0.69676	1.04059	3.26668	0.76510	0.10135	0.02873	0.01111	6.77336
1980	0.05682	0.08084	0.09897	0.42136	0.49948	0.41857	2.19113	2.69050	1.35979	0.21503	0.04216	0.07134	8.14601
1981	0.07622	0.08290	0.21114	0.12919	0.45179	0.40458	1.67346	1.15702	0.34308	0.05006	0.00082	0.00134	4.58162
1982	0.05093	0.17417	1.25306	0.53579	2.84931	1.84786	3.51691	5.28631	2.29984	0.65323	0.18069	0.17565	18.82375

STATISTICS FOR 16 YEARS OF DATA

MIN	0.02411	0.07008	0.07409	0.07783	0.08180	0.10132	0.35503	0.43939	0.18183	0.02135	0.00065	0.00134	1.51193
MAX	0.18406	0.34701	1.25306	1.59176	2.84931	3.90115	3.51891	5.28631	0.40829	0.18069	0.17565	18.82375	
MEAN	0.07888	0.13933	0.28684	0.57446	0.59198	1.07195	1.92951	3.34383	1.48353	0.27175	0.05752	0.04714	9.87312
S.O.	0.04366	0.07172	0.29220	0.49277	0.65149	0.97819	1.06650	1.51378	1.06749	0.22898	0.05110	0.04362	4.80594

Table 8.1.4b.--Monthly average flow in cubic feet per second at Tollgate (Reynolds, Idaho Site 116083).

WATER YEAR	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1967	0.5359	1.5570	2.3214	6.6043	5.8957	8.7132	11.5465	70.3131	53.5030	5.9336	1.0452	0.5929
1968	1.1791	1.5333	2.0282	1.9406	14.3933	1.2216	8.3856	12.6783	4.54602	1.3970	0.7577	0.2625
1969	0.7990	3.0394	2.8851	26.4700	7.8400	12.4229	62.5882	70.5571	21.9449	3.65557	0.2240	0.2449
1970	0.9762	1.3205	1.4600	21.7470	11.2794	11.9871	16.4444	74.2822	33.2303	4.4654	0.4513	0.5595
1971	1.1829	1.6580	1.5681	20.0231	16.5344	31.6563	52.0550	90.3389	32.7038	6.6053	1.3180	1.4023
1972	2.9148	3.9437	5.0910	20.6659	71.1304	44.0884	80.0262	47.5727	7.0786	1.8880	1.5092	
1973	2.2618	2.7021	6.5587	8.3616	4.2097	6.5024	30.8030	40.5387	6.9654	1.4293	0.1607	0.6515
1974	1.3177	3.1856	4.7186	15.2678	6.2106	37.0809	55.8826	66.5089	36.9545	7.0656	1.1490	0.4834
1975	1.4828	1.9761	2.3458	3.2053	5.1554	18.3183	24.2093	94.8335	75.5729	15.6508	2.6494	1.1896
1976	3.3560	3.2682	9.3582	5.2323	5.3396	10.0603	50.6215	74.4465	18.2782	3.2284	1.5116	1.2014
1977	1.5949	1.6723	1.3509	1.4191	1.6513	1.8474	6.5891	8.0115	3.4258	0.3893	0.0118	0.0458
1978	0.4395	1.7290	7.1694	4.6615	7.6463	33.3782	58.1414	66.8686	22.5981	4.7881	1.0178	1.1809
1979	1.4095	1.6610	1.8892	4.9781	6.4787	12.7042	19.6060	59.5625	14.4154	1.8480	0.5238	0.2093
1980	1.0359	1.5232	1.8045	7.6827	9.7354	7.6320	41.2833	49.0568	25.6200	3.9206	0.7688	1.3441
1981	1.3894	1.5619	3.8499	2.3555	9.1201	31.5299	21.0963	6.4640	0.9128	0.0149	0.0250	
1982	0.9284	3.2815	22.8474	9.7692	57.5187	33.6927	66.2625	96.3871	43.3315	11.9106	3.2947	3.3095

STATISTICS FOR 16 YEARS OF DATA

MIN	0.4395	1.3205	1.3509	1.4191	1.6613	1.8474	6.6891	8.0115	3.4258	0.3893	0.0118	0.0250
MAX	3.3560	6.5380	22.8474	29.0231	57.5187	71.1309	66.2625	96.3871	75.5729	15.6508	3.2947	3.3095
MEAN	1.4382	2.5235	5.2628	10.4742	11.8389	19.5451	36.3540	60.9691	27.9513	4.9549	1.0489	0.6882
S.O.	0.7961	1.3513	5.3278	8.9848	13.1206	17.8357	20.0940	27.7107	20.1126	4.1751	0.9317	0.8218

Table B.1.5a.--Monthly runoff in inches at Lower Sheep Creek (Reynolds, Idaho Site 117066).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1968	0.00000	0.00000	0.00042	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00142
1969	0.00000	0.00000	0.00000	0.25058	0.00306	0.24427	0.01799	0.00000	0.00000	0.00000	0.00000	0.00000	0.51590
1970	0.00000	0.00000	0.00000	0.01438	0.00120	0.00742	0.00072	0.00000	0.00000	0.00000	0.00000	0.00000	0.02372
1971	0.00000	0.00000	0.00000	0.16383	0.00922	0.13735	0.00042	0.00000	0.00000	0.00000	0.00000	0.00000	0.31082
1972	0.00000	0.00000	0.00019	0.52977	0.23823	0.13753	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.90872
1973	0.00000	0.00000	0.00000	0.00021	0.00000	0.00000	0.01404	0.00000	0.00000	0.00000	0.00000	0.00000	0.01426
1974	0.00000	0.00000	0.00000	0.00026	0.00070	0.01811	0.00651	0.00000	0.00000	0.00000	0.00000	0.00000	0.25767
1975	0.00000	0.00000	0.00000	0.07597	0.55046	0.08112	0.02169	0.00000	0.00000	0.00000	0.00000	0.00000	0.72924
1976	0.00000	0.00000	0.00000	0.00029	0.16613	0.32831	0.05468	0.00000	0.00000	0.00000	0.00000	0.00000	0.55204
1977	0.00000	0.00000	0.00000	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1978	0.00000	0.00000	0.00000	0.00020	0.0498	0.05027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.15765
1979	0.00000	0.00000	0.00000	0.00000	0.21755	0.07510	0.04631	0.00000	0.00000	0.00000	0.00000	0.00000	0.33959
1980	0.00000	0.00000	0.00000	0.000478	0.00369	0.00190	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01038
1981	0.00000	0.00000	0.00000	0.00000	0.00666	0.00000	0.00250	0.00000	0.00000	0.00000	0.00000	0.00000	0.00916
1982	0.00000	0.00000	0.00075	0.00000	0.32450	0.05144	0.02534	0.00000	0.00000	0.00000	0.00000	0.00000	0.40203
STATISTICS FOR 15 YEARS OF DATA													
MIN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
MAX	0.00000	0.00000	0.00019	0.52977	0.55046	0.32831	0.05468	0.00011	0.00000	0.00000	0.00000	0.00000	0.90872
MEAN	0.00000	0.00000	0.00036	0.08822	0.09497	0.08682	0.01180	0.00000	0.00000	0.00000	0.00000	0.00000	0.28217
S.O.	0.00000	0.00000	0.00088	0.14900	0.16153	0.10180	0.01622	0.00003	0.00000	0.00000	0.00000	0.00000	0.29276

Table B.1.5b.--Monthly average flow in cubic feet per second at Lower Sheep Creek (Reynolds, Idaho Site 117066).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1968	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1969	0.00000	0.00000	0.00000	0.0112	0.0001	0.0109	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1970	0.00000	0.00000	0.00000	0.00006	0.00001	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1971	0.00000	0.00000	0.00000	0.00073	0.00005	0.00061	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1972	0.00000	0.00000	0.00001	0.0237	0.0114	0.0062	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1973	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000
1974	0.00000	0.00000	0.00000	0.0028	0.0000	0.0084	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1975	0.00000	0.00000	0.00000	0.0034	0.0000	0.0036	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1976	0.00000	0.00000	0.00000	0.00001	0.0079	0.017	0.0025	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1977	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1978	0.00000	0.00000	0.00000	0.00000	0.0022	0.0035	0.0015	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1979	0.00000	0.00000	0.00000	0.0097	0.0038	0.0021	0.0000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1980	0.00000	0.00000	0.00000	0.00002	0.0002	0.0001	0.0000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1981	0.00000	0.00000	0.00000	0.00003	0.00000	0.0001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1982	0.00000	0.00000	0.00000	0.00000	0.0161	0.0023	0.0012	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
STATISTICS FOR 15 YEARS OF DATA													
MIN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
MAX	0.00000	0.00000	0.00001	0.0237	0.0273	0.0147	0.0025	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
MEAN	0.00000	0.00000	0.00000	0.0039	0.0047	0.0039	0.0005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
S.O.	0.00000	0.00000	0.00000	0.0067	0.0080	0.0046	0.0007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Table B.1.6a.--Monthly runoff in inches at Reynolds Mountain East Basin (Reynolds, Idaho Site 166076).

WATER YEAR	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1964	0.12681	0.47947	0.19477	0.19477	0.18221	0.19540	1.79986	10.45782	6.38284	0.74097	0.12492	0.14302	21.02298
1965	0.15195	0.20345	3.11841	1.54038	1.51829	0.75877	7.65523	12.37813	6.35488	0.72533	0.26075	0.20305	34.68663
1966	0.19811	0.23813	0.11252	0.20697	0.15923	0.41555	3.15259	4.44604	0.69360	0.15407	0.05562	0.02965	9.86209
1967	0.04910	0.13221	0.14791	0.13846	0.13377	0.18134	0.21126	10.99730	8.19013	0.65785	0.09507	0.07456	21.00895
1968	0.10637	0.14752	0.15228	0.14061	0.62973	0.99001	1.96859	1.90511	0.48437	0.06528	0.09230	0.03934	6.72162
1969	0.07293	0.28178	0.14390	0.22998	0.16452	0.21647	4.67790	12.36567	3.92099	0.27876	0.04504	0.03359	22.43152
1970	0.07333	0.07681	0.07420	0.38248	0.21367	0.56226	12.94137	5.08028	0.39583	0.04567	0.06538	20.05954	
1971	0.10149	0.18064	0.14362	1.65840	0.18820	0.88000	3.04185	17.52022	5.55915	0.02025	0.00000	0.00000	31.00000
1972	0.31819	0.22995	0.24608	0.56065	0.28607	2.48680	3.77222	1.52116	9.71554	0.64641	0.15865	0.13017	33.50864
1973	0.21046	0.25209	0.32768	0.32795	0.18840	2.0246	2.90237	7.82799	0.75358	0.14021	0.05215	0.04746	15.24854
1974	0.10343	0.25097	0.20167	0.53366	0.26321	0.81544	3.58440	12.37100	7.77485	0.70674	0.08957	0.04474	24.53968
1975	0.11682	0.15226	0.17109	0.21835	0.17671	0.27336	0.25546	9.99140	13.91587	2.32134	0.23459	0.10458	27.93192
1976	0.28835	0.36139	0.66458	0.34238	0.24550	0.25211	3.03493	13.60403	2.90719	0.34414	0.17456	0.13565	22.35482
1977	0.15774	0.15383	0.05991	0.07713	0.09661	0.14113	1.41440	1.03123	0.28038	0.03066	0.00000	0.00036	3.44338
1978	0.03468	0.18217	0.61655	0.27272	0.21922	1.67847	5.02094	11.73122	3.17309	0.42255	0.04053	0.09113	23.49227
1979	0.12929	0.11287	0.15588	0.19894	0.14771	0.27625	1.61215	10.01536	2.21289	0.18588	0.09572	0.05339	15.22135
1980	0.17934	0.17254	0.17144	0.27201	0.21884	0.22159	3.53582	8.40342	3.20851	0.40388	0.08404	0.13204	18.80347
1981	0.14356	0.13326	0.32014	0.18624	0.43804	0.48843	5.02156	2.48297	0.64008	0.08485	0.00106	0.00076	9.94294
1982	0.09229	0.26754	1.07249	0.39057	1.61450	1.32335	4.21612	13.92582	7.01586	1.74321	0.20289	0.17985	32.04448

STATISTICS FOR 19 YEARS OF DATA

MIN	0.03468	0.07681	0.05991	0.07713	0.09661	0.14113	0.21126	1.03123	0.28038	0.03066	0.00000	0.00036	3.44338
MAX	0.31819	0.50664	3.11841	1.65690	1.61450	2.48680	7.65523	17.10032	13.91587	2.32134	0.26075	0.20305	34.68663
MEAN	0.14003	0.23461	0.43558	0.39523	0.41081	0.62839	3.11315	9.97334	4.61227	0.58723	0.10455	0.08436	20.71985
S.O.	0.07417	0.13000	0.69592	0.43759	0.45407	0.62470	1.94920	4.59151	3.63390	0.59090	0.07413	0.05766	9.18378

Table B.1.6b.--Monthly average flow in cubic feet per second at Reynolds Mtn. East (Reynolds, Idaho Site 166076).

WATER YEAR	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1964	0.0172	0.0672	0.0264	0.0764	0.0264	0.0265	0.2521	1.4174	0.8939	0.1004	0.0169	0.02020
1965	0.0206	0.0285	0.0227	0.0288	0.2278	0.1028	1.0721	1.6776	0.8900	0.0983	0.02354	0.0285
1966	0.0269	0.0334	0.0153	0.0281	0.0239	0.0563	0.4415	0.6026	0.0971	0.0209	0.0075	0.00442
1967	0.0067	0.0185	0.0201	0.0188	0.0201	0.0246	0.0296	1.4905	1.1470	0.0892	0.0129	0.0104
1968	0.0144	0.0207	0.0206	0.0191	0.0912	0.1342	0.2757	0.2582	0.0578	0.0089	0.0125	0.00555
1969	0.0099	0.0395	0.0195	0.0312	0.0247	0.0294	0.6552	1.6760	0.5491	0.0378	0.0061	0.00447
1970	0.0099	0.0108	0.0101	0.0518	0.0283	0.0290	0.0788	1.7540	0.7073	0.0523	0.0062	0.0092
1971	0.0146	0.0850	0.0447	0.2246	0.1402	0.1098	0.4260	2.3177	0.7783	0.0950	0.0180	0.0121
1972	0.0431	0.0317	0.0327	0.0266	0.0414	0.3370	0.5285	2.1024	1.2761	0.1443	0.0215	0.0182
1973	0.0285	0.0368	0.0444	0.0444	0.0283	0.0274	0.4065	1.0616	0.1058	0.0190	0.0071	0.0067
1974	0.0140	0.0352	0.0273	0.0723	0.0395	0.1105	0.4880	1.6767	1.0881	0.0958	0.0121	0.0063
1975	0.0158	0.0213	0.0232	0.0296	0.0265	0.0371	0.0358	1.3542	1.9489	0.3146	0.0318	0.0147
1976	0.0391	0.0506	0.0901	0.0464	0.0356	0.0342	0.4250	1.8438	0.1466	0.0466	0.0237	0.01790
1977	0.0047	0.0215	0.0086	0.0215	0.0215	0.0215	0.1611	0.1611	0.0393	0.0000	0.0001	0.0001
1978	0.0047	0.0215	0.0336	0.0371	0.0329	0.2275	0.7032	1.5900	0.4444	0.0573	0.0055	0.0139
1979	0.0175	0.0181	0.0211	0.0270	0.0222	0.0374	0.2271	1.3574	0.3099	0.0252	0.0130	0.00775
1980	0.0243	0.0242	0.0232	0.0369	0.0317	0.0300	0.7473	1.1390	0.4493	0.0547	0.0114	0.0185
1981	0.0194	0.0187	0.0434	0.0255	0.0657	0.0662	0.7033	0.3365	0.0896	0.0115	0.0001	0.0001
1982	0.0125	0.0375	0.1454	0.0529	0.2423	0.1794	0.5905	1.8874	0.9826	0.2363	0.0275	0.0252

STATISTICS FOR 19 YEARS OF DATA

MIN	0.0047	0.0108	0.0081	0.0105	0.0145	0.0191	0.0296	0.1398	0.0393	0.0042	0.0000	0.0001
MAX	0.0431	0.0850	0.2246	0.2423	0.3370	1.0721	2.3177	1.9489	0.3146	0.0354	0.0285	
MEAN	0.0190	0.0329	0.0590	0.0536	0.0612	0.0852	0.4360	1.3517	0.6459	0.0796	0.0142	0.0118
S.O.	0.0101	0.0182	0.0943	0.0593	0.0681	0.0847	0.2730	0.6223	0.5089	0.0801	0.0101	0.0081

Table 8.2.1a.--Daily, monthly, and yearly average runoff in inches for the period 10/1/63 to 9/30/82 at Reynolds Creek
Outlet (Reynolds, Idaho Site 036068).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00056	0.00093	0.00286	0.00386	0.01099	0.01212	0.02040	0.02044	0.01688	0.00404	0.00069	0.00052
2	0.00056	0.00092	0.00272	0.00389	0.00927	0.02042	0.01918	0.02057	0.01657	0.00413	0.00074	0.00051
3	0.00057	0.00091	0.00249	0.00356	0.00887	0.01605	0.01748	0.02068	0.01595	0.00378	0.00128	0.00048
4	0.00058	0.00095	0.00232	0.00377	0.00848	0.01195	0.01779	0.02009	0.01482	0.00327	0.00084	0.00047
5	0.00060	0.00098	0.00281	0.00489	0.00776	0.01334	0.01925	0.01997	0.01484	0.00307	0.00076	0.00048
6	0.00064	0.00102	0.00458	0.00545	0.00722	0.01578	0.02129	0.01560	0.00286	0.00071	0.00048	0.00046
7	0.00072	0.00110	0.00328	0.00482	0.00842	0.01324	0.01701	0.02122	0.01541	0.00249	0.00068	0.00045
8	0.00062	0.00131	0.00354	0.00520	0.00716	0.01276	0.01737	0.02128	0.01485	0.00236	0.00068	0.00048
9	0.00063	0.00149	0.00307	0.00561	0.00745	0.01338	0.01738	0.02175	0.01537	0.00279	0.00064	0.00046
10	0.00064	0.00137	0.00349	0.00493	0.00740	0.01348	0.01859	0.02368	0.01394	0.00222	0.00068	0.00046
11	0.00068	0.00125	0.00340	0.01506	0.00716	0.01361	0.02365	0.02280	0.01327	0.00206	0.00088	0.00055
12	0.00068	0.00126	0.00346	0.00743	0.00692	0.01511	0.01993	0.02109	0.01149	0.00187	0.00070	0.00050
13	0.00067	0.00125	0.00240	0.00882	0.01124	0.01867	0.01862	0.02146	0.01072	0.00171	0.00072	0.00051
14	0.00068	0.00132	0.00285	0.00874	0.02031	0.01421	0.02067	0.02264	0.01020	0.00164	0.00077	0.00052
15	0.00073	0.00136	0.00459	0.00921	0.02146	0.01535	0.01887	0.02308	0.00966	0.00148	0.00065	0.00048
16	0.00076	0.00136	0.00299	0.00927	0.02572	0.01522	0.01827	0.02322	0.00915	0.00139	0.00062	0.00052
17	0.00083	0.00136	0.00353	0.01478	0.01570	0.01749	0.01918	0.02315	0.00878	0.00130	0.00077	0.00051
18	0.00081	0.00141	0.00364	0.02127	0.01252	0.01758	0.01780	0.02286	0.00855	0.00124	0.00065	0.00051
19	0.00087	0.00141	0.00723	0.01857	0.01723	0.01679	0.01894	0.02201	0.00822	0.00117	0.00065	0.00053
20	0.00101	0.00139	0.00915	0.01918	0.01823	0.01535	0.02157	0.02057	0.00723	0.00109	0.00088	0.00056
21	0.00090	0.00137	0.00638	0.02657	0.01962	0.01854	0.02127	0.01976	0.00694	0.00135	0.00078	0.00058
22	0.00099	0.00146	0.01713	0.02244	0.01649	0.01673	0.02167	0.02007	0.00668	0.00136	0.00134	0.00059
23	0.00092	0.00156	0.02502	0.01718	0.01777	0.01929	0.02167	0.02145	0.00625	0.00140	0.00065	0.00058
24	0.00092	0.00252	0.01651	0.01490	0.01084	0.01720	0.01742	0.01959	0.00662	0.00094	0.00066	0.00059
25	0.00094	0.00297	0.01667	0.01496	0.01054	0.01704	0.02020	0.01962	0.00605	0.00089	0.00062	0.00087
26	0.00101	0.00353	0.01815	0.01612	0.01603	0.01679	0.02308	0.01895	0.00576	0.00091	0.00059	0.00053
27	0.00109	0.00293	0.00664	0.01561	0.01127	0.01687	0.02317	0.01909	0.00514	0.00087	0.00059	0.00051
28	0.00100	0.00216	0.00575	0.02294	0.02015	0.01628	0.02168	0.01849	0.00500	0.00079	0.00057	0.00049
29	0.00107	0.00221	0.00529	0.02343	0.02457	0.01802	0.02112	0.01754	0.00454	0.00074	0.00061	0.00052
30	0.00099	0.00251	0.00494	0.02260	0.00000	0.02006	0.02058	0.01732	0.00409	0.00069	0.00055	0.00060
31	0.00095	0.00000	0.00439	0.01627	0.00000	0.02034	0.00000	0.01732	0.00000	0.00067	0.00055	0.00000
MONTHLY	0.02531	0.04697	0.18329	0.38474	0.35342	0.49520	0.59823	0.64862	0.30679	0.05575	0.02285	0.01550
YEARLY	-	3.13668										

Table 8.2.1b.--Daily, monthly, and yearly average flows in cfs for the period 10/1/63 to 9/30/82 at Reynolds Creek
Outlet (Reynolds, Idaho Site 036068).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.364	2.265	6.941	9.355	26.658	29.399	49.500	49.603	40.956	9.812	1.678	1.257
2	1.368	2.221	6.610	9.444	22.488	49.541	46.533	49.925	40.199	10.026	1.792	1.238
3	1.391	2.207	6.046	8.630	21.518	38.939	42.413	50.180	38.700	9.168	3.106	1.169
4	1.409	2.308	5.625	9.146	20.576	28.998	43.160	48.750	35.950	7.928	2.032	1.150
5	1.462	2.385	6.814	11.647	18.840	32.364	46.722	48.447	36.009	7.445	1.833	1.171
6	1.543	2.484	13.231	23.231	17.520	38.281	44.887	51.667	37.849	6.935	1.724	1.111
7	1.753	2.673	7.881	11.690	20.428	32.118	41.273	51.495	37.382	6.047	1.662	1.099
8	1.512	3.175	6.262	12.617	17.177	31.967	42.155	51.414	35.524	5.516	1.474	1.115
9	1.522	3.623	7.442	13.759	30.981	30.311	44.884	55.571	34.888	5.636	1.744	1.110
10	1.547	3.189	6.556	13.747	37.052	31.015	42.158	57.443	33.590	5.380	1.657	1.117
11	1.579	3.025	8.262	9.562	54.127	30.709	48.400	55.330	32.196	5.006	2.064	1.324
12	1.556	6.194	7.056	11.948	27.794	36.766	48.357	51.176	27.879	4.543	1.710	1.219
13	1.621	3.033	5.831	19.947	27.279	36.079	45.184	52.067	26.012	4.159	1.750	1.232
14	1.657	3.212	6.911	21.220	49.291	34.487	50.152	54.936	24.752	3.974	1.875	1.273
15	1.770	3.299	11.126	22.357	52.066	37.248	45.799	56.011	23.430	3.600	1.575	1.172
16	1.848	3.294	6.294	22.489	62.403	36.923	44.324	56.355	22.196	3.361	1.499	1.274
17	2.011	3.311	8.564	35.857	38.090	42.451	46.792	56.179	21.310	3.150	1.860	1.236
18	1.964	3.425	8.841	51.601	30.389	42.668	43.192	55.464	20.736	3.020	1.566	1.243
19	2.113	3.412	17.546	45.051	41.808	40.749	45.957	53.401	19.937	2.851	1.568	1.285
20	2.440	3.380	22.212	46.547	44.228	37.255	52.335	49.903	17.555	2.634	2.169	1.365
21	2.180	3.320	15.374	64.471	47.605	37.235	51.522	47.956	16.840	3.265	1.820	1.418
22	2.413	3.547	41.567	54.455	35.640	40.599	52.579	48.689	16.219	3.290	3.257	1.423
23	2.243	3.781	60.703	41.684	39.904	46.801	52.610	48.515	15.173	2.522	2.340	1.400
24	2.227	6.111	40.053	36.161	25.487	41.743	52.384	49.384	14.900	2.023	1.607	1.247
25	2.154	7.106	19.786	26.208	23.862	47.737	57.896	45.981	13.971	2.202	1.424	1.287
27	2.651	7.118	16.123	37.672	27.338	40.934	56.227	46.327	12.474	2.112	1.433	1.234
28	2.433	5.246	13.951	55.669	48.892	39.502	52.610	44.866	12.128	1.926	1.381	1.191
29	2.585	5.356	12.825	56.848	59.615	43.734	51.250	42.550	11.027	1.786	1.477	1.256
30	2.401	6.082	11.978	54.837	0.000	48.675	49.935	42.038	9.914	1.672	1.336	1.455
31	2.308	0.000	10.663	39.474	0.000	49.362	0.000	42.028	0.000	1.633	1.342	0.000
MONTHLY	1.981	3.799	14.347	30.116	30.343	38.763	48.388	50.771	24.815	4.364	1.789	1.254
YEARLY	-	20.894										

Table B.2.2a--Daily, monthly, and yearly average runoff in inches for the period 10/1/64 to 9/30/82 at Salmon Creek (Reynolds, Idaho Site 046017).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00079	0.0167	0.00516	0.00553	0.01486	0.01527	0.01781	0.01353	0.00672	0.00132	0.00078	0.00035
2	0.00082	0.0166	0.00466	0.00566	0.01342	0.02692	0.01700	0.01261	0.00650	0.00186	0.00036	0.00034
3	0.00087	0.0165	0.00467	0.00530	0.01322	0.02044	0.01585	0.01227	0.00645	0.00168	0.00095	0.00034
4	0.00084	0.0164	0.00464	0.00524	0.01317	0.02047	0.01588	0.01225	0.00642	0.00176	0.00050	0.00033
5	0.00088	0.0163	0.00465	0.00565	0.01220	0.01647	0.01336	0.01146	0.00554	0.00146	0.00039	0.00036
6	0.00092	0.0175	0.00971	0.00621	0.01203	0.01927	0.01558	0.01235	0.00606	0.00146	0.00034	0.00035
7	0.00102	0.0183	0.00601	0.00578	0.01422	0.01798	0.01529	0.01144	0.00551	0.00136	0.00031	0.00037
8	0.00091	0.0196	0.00601	0.00661	0.01030	0.01677	0.01519	0.01078	0.00589	0.00124	0.00026	0.00038
9	0.00092	0.0191	0.00539	0.00726	0.00941	0.01587	0.01577	0.01131	0.00666	0.00120	0.00023	0.00036
10	0.00097	0.0198	0.00786	0.00815	0.00885	0.01574	0.01576	0.01228	0.00575	0.00108	0.00021	0.00034
11	0.00096	0.0199	0.00787	0.01949	0.00932	0.01579	0.01876	0.01208	0.00593	0.00107	0.00023	0.00041
12	0.00099	0.0204	0.00488	0.01061	0.00894	0.01649	0.01874	0.01122	0.00518	0.00096	0.00028	0.00039
13	0.00101	0.00197	0.00447	0.01039	0.01224	0.01675	0.01873	0.01050	0.00481	0.00087	0.00025	0.00043
14	0.00105	0.00208	0.00461	0.01078	0.01907	0.01678	0.02252	0.00984	0.00433	0.00075	0.00025	0.00052
15	0.00114	0.00202	0.00580	0.01270	0.02141	0.01770	0.01934	0.00916	0.00393	0.00073	0.00024	0.00046
16	0.00117	0.00218	0.00483	0.01320	0.02556	0.01764	0.01786	0.00863	0.00375	0.00071	0.00023	0.00056
17	0.00125	0.00209	0.00491	0.02311	0.02015	0.01915	0.01795	0.00871	0.00345	0.00068	0.00022	0.00050
18	0.00120	0.00221	0.00503	0.03424	0.02100	0.01932	0.01712	0.00846	0.00344	0.00071	0.00021	0.00044
19	0.00130	0.00231	0.00608	0.02672	0.02041	0.01772	0.01727	0.00719	0.00236	0.00059	0.00031	0.00056
20	0.00132	0.00221	0.01155	0.02300	0.02021	0.01792	0.02042	0.00694	0.00295	0.00050	0.00034	0.00057
21	0.00136	0.00221	0.01622	0.02196	0.01706	0.01929	0.00642	0.00285	0.00065	0.00042	0.00056	21
22	0.00158	0.0248	0.01671	0.03332	0.01879	0.01778	0.01764	0.00645	0.00263	0.00057	0.00035	0.00053
23	0.00151	0.0061	0.01968	0.02339	0.01670	0.02109	0.01693	0.01481	0.00257	0.00049	0.00049	0.00052
24	0.00153	0.00349	0.01482	0.01947	0.01413	0.02020	0.01638	0.01410	0.00268	0.00048	0.00089	0.00055
25	0.00165	0.00392	0.01227	0.01525	0.01273	0.02291	0.01573	0.00949	0.00254	0.00045	0.00058	0.00058
26	0.00356	0.00532	0.00980	0.01387	0.01273	0.02288	0.02004	0.00833	0.00256	0.00042	0.00048	0.00068
27	0.00201	0.00507	0.00882	0.02207	0.01319	0.02166	0.02376	0.00763	0.00249	0.00040	0.00043	0.00064
28	0.00188	0.00398	0.00767	0.08101	0.02254	0.01998	0.01976	0.00777	0.00245	0.00039	0.00039	0.00065
29	0.00185	0.00402	0.00712	0.09003	0.03747	0.01911	0.01695	0.00733	0.00220	0.00033	0.00042	0.00073
30	0.00173	0.00413	0.00662	0.08617	0.00000	0.01922	0.01513	0.00676	0.00204	0.00030	0.00038	0.00084
31	0.00167	0.00000	0.00579	0.07194	0.00000	0.01862	0.00000	0.00638	0.00000	0.00032	0.00035	0.00000
MONTHLY	0.04063	0.07611	0.23735	0.75327	0.43816	0.57919	0.52915	0.30477	0.12761	0.02712	0.01884	0.01468
YEARLY	-	3.14687										

Table B.2.2b--Daily, monthly, and yearly average flows in cfs for the period 10/1/64 to 9/30/82 at Salmon Creek (Reynolds, Idaho Site 046017).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.297	0.632	1.950	2.111	5.651	6.146	6.729	5.112	2.538	0.724	0.108	0.131
2	0.308	0.626	1.760	2.138	5.067	10.167	6.422	4.768	2.608	0.703	0.136	0.130
3	0.329	0.625	1.764	2.131	4.994	7.721	6.301	4.736	2.533	0.703	0.135	0.127
4	0.330	0.624	1.669	2.131	4.974	6.672	5.957	5.761	4.442	2.311	0.597	0.124
5	0.331	0.641	2.110	2.286	5.010	6.223	5.803	4.329	2.094	0.553	0.148	0.136
6	0.345	0.663	3.289	2.346	5.453	6.729	5.886	4.288	2.288	0.553	0.130	0.131
7	0.385	0.692	2.269	2.185	5.370	6.792	5.774	4.207	2.081	0.513	0.116	0.139
8	0.345	0.740	2.270	2.517	3.890	6.333	5.737	4.072	2.223	0.470	0.100	0.145
9	0.346	0.723	2.038	2.744	3.552	5.993	5.955	4.272	2.514	0.453	0.087	0.135
10	0.365	0.746	2.968	3.080	3.338	5.946	5.954	4.639	2.171	0.407	0.081	0.130
11	0.363	0.753	2.518	7.361	3.520	5.963	7.086	4.567	2.241	0.405	0.088	0.154
12	0.375	0.769	1.843	4.039	3.377	6.229	7.077	4.239	1.957	0.364	0.107	0.149
13	0.381	0.745	1.689	3.924	4.625	6.328	7.074	3.967	1.817	0.330	0.094	0.163
14	0.398	0.785	1.743	4.073	7.204	6.339	8.507	3.718	1.637	0.289	0.093	0.196
15	0.432	0.761	2.191	4.797	8.086	6.686	7.305	3.460	1.486	0.275	0.090	0.176
16	0.442	0.824	1.823	5.003	9.654	6.665	6.745	3.261	1.418	0.268	0.088	0.212
17	0.472	0.790	1.854	8.740	7.609	7.234	6.781	2.934	1.312	0.268	0.169	0.177
18	0.453	0.835	1.902	12.932	6.423	7.656	6.656	2.711	1.274	0.230	0.091	0.203
19	0.400	0.837	3.049	10.049	6.420	7.678	6.766	2.716	1.233	0.222	0.119	0.212
20	0.497	0.836	4.362	11.644	8.314	6.670	7.712	2.623	1.116	0.191	0.130	0.217
21	0.495	0.817	3.211	16.100	8.296	6.444	7.286	2.425	1.076	0.247	0.160	0.211
22	0.596	0.938	6.313	12.587	7.097	6.715	6.664	2.438	0.995	0.214	1.342	0.202
23	0.570	0.988	7.433	8.836	6.309	7.965	6.394	5.594	0.971	0.186	1.697	0.198
24	0.576	1.319	5.599	7.355	5.335	7.632	6.187	5.324	1.012	0.180	0.337	0.208
25	0.623	1.482	4.635	5.759	4.809	8.655	5.941	3.586	0.958	0.170	0.218	0.220
26	1.345	2.010	3.702	5.239	4.807	8.642	7.570	3.146	0.967	0.160	0.181	0.232
27	0.761	1.916	3.332	8.326	4.980	8.180	8.975	2.895	0.940	0.152	0.161	0.241
28	0.709	1.501	2.898	30.599	8.514	7.547	7.465	2.915	0.926	0.148	0.149	0.247
29	0.709	1.517	2.690	34.007	14.153	7.220	6.405	2.774	0.833	0.123	0.159	0.275
30	0.652	1.560	2.501	32.549	0.000	7.260	5.716	2.553	0.771	0.113	0.142	0.317
31	0.631	0.000	2.188	27.174	0.000	7.033	0.000	2.411	0.000	0.121	0.134	0.000
MONTHLY	0.495	0.958	2.892	9.178	5.864	7.057	6.662	3.713	1.607	0.330	0.230	0.185
YEARLY	-	3.264										

Table B.2.3a.--Daily, monthly, and yearly average runoff in inches for the period 10/1/64 to 9/30/82 at Macks Creek
(Reynolds, Idaho Site 046084).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00020	0.00066	0.00259	0.00393	0.04069	0.01743	0.01917	0.01272	0.0346	0.00113	0.00024	0.00014
2	0.00021	0.00063	0.00236	0.00387	0.01151	0.02909	0.01849	0.01228	0.00375	0.00119	0.00037	0.00014
3	0.00021	0.00064	0.00226	0.00348	0.01229	0.01965	0.01707	0.01197	0.00370	0.00107	0.00037	0.00015
4	0.00021	0.00064	0.00214	0.00346	0.01081	0.01807	0.01607	0.01668	0.01115	0.00348	0.00089	0.00024
5	0.00021	0.00064	0.00214	0.00346	0.00955	0.02085	0.01655	0.01089	0.00222	0.00089	0.00022	0.00014
6	0.00026	0.00066	0.00208	0.00347	0.00960	0.02085	0.01655	0.01079	0.00235	0.00084	0.00022	0.00015
7	0.00043	0.00072	0.00383	0.00388	0.01090	0.01995	0.01636	0.00885	0.00204	0.00082	0.00022	0.00014
8	0.00039	0.00073	0.00386	0.00603	0.00690	0.01850	0.01655	0.00855	0.00355	0.00079	0.00022	0.00016
9	0.00027	0.00073	0.00304	0.00653	0.00842	0.01704	0.01822	0.00966	0.00450	0.00072	0.00019	0.00014
10	0.00027	0.00076	0.00253	0.00798	0.00816	0.01670	0.01809	0.01026	0.00351	0.00064	0.00017	0.00014
11	0.00037	0.00079	0.00239	0.02110	0.00962	0.01707	0.02413	0.00959	0.00328	0.00060	0.00016	0.00014
12	0.00033	0.00088	0.00222	0.00901	0.00965	0.02061	0.02159	0.00853	0.00268	0.00057	0.00015	0.00017
13	0.00035	0.00091	0.00212	0.01025	0.01833	0.01864	0.02206	0.00805	0.00258	0.00054	0.00022	0.00020
14	0.00034	0.00102	0.00228	0.01055	0.02902	0.01919	0.02488	0.00777	0.00223	0.00052	0.00015	0.00022
15	0.00035	0.00098	0.00359	0.01465	0.02507	0.02103	0.02017	0.00744	0.00221	0.00050	0.00015	0.00024
16	0.00035	0.00102	0.00281	0.01274	0.02507	0.01985	0.02007	0.00708	0.00212	0.00047	0.00015	0.00024
17	0.00037	0.00098	0.00374	0.02612	0.01849	0.02299	0.01961	0.00650	0.01199	0.00047	0.00015	0.00022
18	0.00037	0.00101	0.00378	0.03849	0.01604	0.02336	0.01731	0.00599	0.0187	0.00047	0.00016	0.00022
19	0.00040	0.00105	0.00618	0.02475	0.02091	0.02389	0.01691	0.00562	0.0184	0.00044	0.00017	0.00022
20	0.00044	0.00103	0.00938	0.02920	0.02151	0.02051	0.01920	0.00525	0.0176	0.00042	0.00020	0.00021
21	0.00046	0.00104	0.00938	0.02920	0.02151	0.02051	0.01920	0.00525	0.0175	0.00042	0.00020	0.00021
22	0.00047	0.00119	0.00413	0.02987	0.01740	0.02121	0.01726	0.00431	0.00165	0.00065	0.00026	0.00021
23	0.00049	0.00117	0.00357	0.01975	0.01574	0.02615	0.01657	0.00574	0.00162	0.00044	0.00081	0.00021
24	0.00046	0.00153	0.00407	0.02094	0.02197	0.01601	0.00765	0.00165	0.00339	0.00026	0.00021	0.0024
25	0.00059	0.00202	0.00519	0.01485	0.0174	0.02626	0.01572	0.00538	0.0174	0.00035	0.0020	0.00021
26	0.000216	0.00216	0.00383	0.01432	0.01285	0.02405	0.01964	0.00532	0.0178	0.00032	0.00019	0.00022
27	0.00089	0.00190	0.00363	0.02429	0.01947	0.02057	0.0217	0.01293	0.00493	0.00029	0.00018	0.00022
28	0.00067	0.00152	0.00336	0.009352	0.03086	0.01990	0.01726	0.00455	0.00154	0.00027	0.00018	0.00023
29	0.00064	0.00162	0.00336	0.11349	0.03468	0.01996	0.01507	0.00408	0.00133	0.00025	0.00017	0.00022
30	0.00065	0.00200	0.00305	0.11492	0.00000	0.02056	0.01353	0.00359	0.00123	0.00024	0.00017	0.00022
31	0.00066	0.00000	0.00432	0.09471	0.00000	0.01962	0.00000	0.00344	0.00000	0.00026	0.00015	0.00000
MONTHLY	0.01434	0.03268	0.11498	0.82892	0.47010	0.64708	0.55087	0.23295	0.07448	0.01855	0.00752	0.00568
YEARLY	-	2.99813										

Table B.2.3b--Daily, monthly, and yearly average flows in cfs for the period 10/1/64 to 9/30/82 at Macks Creek
(Reynolds, Idaho Site 046084).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.065	0.216	0.853	1.296	13.415	5.747	6.321	4.192	1.141	0.373	0.078	0.047
2	0.068	0.208	0.778	1.276	3.793	9.591	6.096	4.049	1.236	0.391	0.122	0.048
3	0.070	0.211	0.743	1.148	4.050	5.477	5.628	3.946	1.221	0.354	0.122	0.048
4	0.070	0.226	0.707	1.207	1.140	5.580	5.296	5.498	3.677	1.147	0.314	0.080
5	0.079	0.222	1.003	1.141	3.214	5.872	5.456	3.491	1.066	0.294	0.074	0.048
6	0.085	0.218	2.333	1.539	3.153	6.539	6.026	3.247	1.023	0.273	0.073	0.048
7	0.142	0.237	1.184	1.278	3.159	6.577	5.293	2.917	1.004	0.269	0.071	0.048
8	0.099	0.242	1.988	2.241	6.605	6.097	5.488	2.819	1.169	0.259	0.071	0.052
9	0.090	0.239	1.003	2.152	2.776	5.618	6.007	3.184	1.483	0.238	0.062	0.047
10	0.089	0.251	0.834	2.630	2.691	5.505	5.964	3.381	1.157	0.210	0.056	0.045
11	0.100	0.260	0.789	6.957	3.170	5.627	7.954	3.161	1.072	0.198	0.052	0.058
12	0.116	0.291	0.730	2.969	3.186	6.793	7.117	2.812	0.883	0.189	0.051	0.056
13	0.115	0.301	0.700	3.378	6.043	6.146	7.273	2.652	0.851	0.179	0.072	0.066
14	0.111	0.335	0.753	3.478	5.965	6.327	8.200	2.562	0.786	0.171	0.050	0.072
15	0.116	0.322	1.183	4.828	8.265	6.933	6.650	2.452	0.727	0.165	0.051	0.067
16	0.116	0.336	0.925	4.206	8.264	6.543	6.616	2.326	0.700	0.155	0.051	0.081
17	0.121	0.324	1.233	8.612	6.095	7.580	6.463	2.143	0.655	0.156	0.049	0.073
18	0.121	0.335	1.247	12.688	5.282	7.701	5.705	1.960	0.616	0.153	0.053	0.071
19	0.132	0.346	2.038	8.160	6.894	7.875	5.574	1.852	0.614	0.145	0.057	0.071
20	0.145	0.339	3.092	9.627	7.111	6.761	6.330	1.730	0.579	0.139	0.066	0.069
21	0.136	0.328	1.727	14.161	7.123	6.443	6.168	1.566	0.576	0.143	0.068	0.071
22	0.160	0.393	1.000	9.877	5.755	6.919	6.691	1.272	0.552	0.116	0.066	0.070
23	0.161	0.387	1.177	6.511	5.188	6.621	5.447	2.462	0.544	0.116	0.067	0.069
24	0.153	0.506	1.342	6.904	4.227	7.242	5.278	2.521	0.544	0.127	0.084	0.089
25	0.196	0.666	1.711	4.895	3.872	8.656	5.182	1.773	0.573	0.116	0.067	0.069
26	0.713	0.711	1.264	4.721	4.237	7.928	6.473	1.755	0.587	0.105	0.062	0.071
27	0.264	0.627	1.196	8.007	4.867	6.781	7.011	1.625	0.556	0.096	0.061	0.072
28	0.220	0.501	1.109	30.829	10.165	6.561	5.690	1.501	0.509	0.090	0.059	0.075
29	0.212	0.532	1.108	37.413	11.434	6.581	4.967	1.317	0.438	0.083	0.057	0.073
30	0.216	0.659	0.005	37.883	0.000	6.778	4.461	1.182	0.404	0.080	0.056	0.071
31	0.218	0.000	1.424	31.221	0.000	6.535	0.000	1.135	0.000	0.087	0.050	0.000
MONTHLY	0.152	0.359	1.223	8.815	5.491	6.881	6.053	2.477	0.818	0.197	0.080	0.062
YEARLY	-	2.717										

Table B.2.4a--Daily, monthly, and yearly average runoff in inches for the period 10/1/66 to 9/30/82 at Tollgate (Reynolds, Idaho Site 116083).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00155	0.00307	0.00556	0.00821	0.01277	0.02815	0.04510	0.09275	0.08480	0.01862	0.00290	0.00115
2	0.00163	0.00303	0.00571	0.00798	0.01168	0.03800	0.04467	0.10109	0.08510	0.01796	0.00281	0.00111
3	0.00176	0.00308	0.00603	0.00699	0.01201	0.03255	0.04104	0.10596	0.08126	0.01708	0.00270	0.00110
4	0.00179	0.00334	0.00569	0.00676	0.01086	0.02555	0.04490	0.10874	0.07636	0.01574	0.00252	0.00111
5	0.00184	0.00338	0.00612	0.00662	0.01010	0.02793	0.04953	0.11013	0.07508	0.01505	0.00230	0.00111
6	0.00199	0.00344	0.00696	0.00588	0.01038	0.02909	0.04838	0.11613	0.07517	0.01329	0.00209	0.00134
7	0.00204	0.00363	0.00696	0.00549	0.01070	0.02776	0.04925	0.11875	0.07043	0.01262	0.00202	0.00130
8	0.00204	0.00405	0.00524	0.00537	0.01029	0.02776	0.04925	0.11875	0.07043	0.01262	0.00202	0.00130
9	0.00211	0.00507	0.00704	0.00537	0.01161	0.02673	0.05245	0.12535	0.06563	0.01218	0.00188	0.00119
10	0.00220	0.00397	0.00538	0.00722	0.01161	0.02673	0.05245	0.12286	0.06563	0.01218	0.00188	0.00119
11	0.00224	0.00400	0.00585	0.01198	0.01080	0.02740	0.05188	0.12048	0.06049	0.01080	0.00162	0.00165
12	0.00234	0.00427	0.00563	0.01131	0.01159	0.02673	0.06021	0.11181	0.05917	0.01070	0.00150	0.00168
13	0.00232	0.00405	0.00556	0.01665	0.01692	0.02819	0.05089	0.11334	0.05302	0.00910	0.00114	0.00172
14	0.00229	0.00368	0.00932	0.01665	0.02599	0.02783	0.05878	0.11931	0.05006	0.00851	0.00178	0.00152
15	0.00232	0.00376	0.01399	0.01803	0.02409	0.03037	0.05853	0.12159	0.04705	0.00777	0.00193	0.00171
16	0.00233	0.00434	0.00753	0.01724	0.03364	0.03209	0.06118	0.12128	0.04395	0.00722	0.00179	0.00175
17	0.00237	0.00388	0.00963	0.02326	0.02666	0.03710	0.06620	0.12090	0.04193	0.00679	0.00209	0.00156
18	0.00233	0.00387	0.00820	0.03463	0.02653	0.03719	0.06332	0.11953	0.03983	0.00642	0.00199	0.00157
19	0.00299	0.00386	0.02576	0.03466	0.03183	0.03567	0.06562	0.11374	0.03778	0.00608	0.00211	0.00175
20	0.00295	0.00376	0.02109	0.03493	0.03043	0.03218	0.07243	0.10788	0.03489	0.00569	0.00197	0.00191
21	0.00271	0.00370	0.01352	0.05623	0.03808	0.03138	0.07293	0.10510	0.03308	0.00599	0.00188	0.00180
22	0.00268	0.00368	0.01058	0.04484	0.02826	0.03398	0.07656	0.10397	0.03029	0.00559	0.00171	0.00163
23	0.00289	0.00467	0.01968	0.05443	0.02599	0.02783	0.05878	0.11931	0.05006	0.00851	0.00178	0.00152
24	0.00292	0.00384	0.00824	0.02092	0.02315	0.02792	0.05240	0.10234	0.02872	0.00437	0.00158	0.00175
25	0.00292	0.00316	0.01125	0.02027	0.02077	0.02688	0.05881	0.10234	0.02853	0.00410	0.00142	0.00175
26	0.00493	0.00787	0.00893	0.01886	0.02047	0.04936	0.05861	0.05748	0.04848	0.00384	0.00191	0.00180
27	0.00313	0.00612	0.00816	0.02667	0.02236	0.04318	0.04867	0.05959	0.04211	0.00374	0.00191	0.00174
28	0.00314	0.00486	0.00783	0.01828	0.04016	0.04146	0.08075	0.05240	0.02361	0.00352	0.00121	0.00182
29	0.00334	0.00544	0.00743	0.01785	0.06766	0.04630	0.08634	0.08862	0.02113	0.00332	0.00117	0.00198
30	0.00304	0.00559	0.00690	0.01467	0.00000	0.04933	0.08630	0.08617	0.01901	0.00324	0.00127	0.00203
31	0.00304	0.00000	0.00933	0.01370	0.00000	0.04664	0.00000	0.08663	0.00000	0.00307	0.00121	0.00000
MONTHLY	0.07888	0.13393	0.28864	0.57446	0.59198	1.07195	1.92951	3.34383	1.48353	0.27175	0.05752	0.04714
YEARLY	-	9.87312										

Table B.2.4b--Daily, monthly, and yearly average flows in cfs for the period 10/1/66 to 9/30/82 at Tollgate (Reynolds, Idaho Site 116083).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.879	1.736	3.144	4.640	7.218	15.910	25.494	52.423	47.933	10.525	1.638	0.650
2	0.924	1.711	3.226	4.513	6.604	21.478	25.250	57.137	48.099	10.151	1.589	0.628
3	0.995	1.721	3.411	3.953	6.787	18.396	23.190	59.890	45.932	9.652	1.529	0.623
4	1.010	1.889	3.219	3.822	6.137	14.440	25.378	61.462	43.163	8.896	1.425	0.630
5	1.041	1.894	3.459	3.740	5.710	15.789	27.995	62.251	42.439	8.506	1.297	0.627
6	1.127	1.928	6.675	3.529	5.652	17.401	28.285	63.151	43.033	8.033	1.303	0.676
7	1.403	2.054	5.467	3.113	5.866	16.443	27.344	65.668	42.491	7.511	1.179	0.759
8	1.152	2.059	4.700	3.102	5.684	15.691	27.838	67.123	49.810	7.133	1.141	0.734
9	1.192	2.067	3.979	4.084	5.564	15.561	29.652	59.445	37.089	6.883	1.051	0.674
10	1.244	2.244	3.606	4.084	5.564	15.110	29.652	70.363	36.665	6.158	0.946	0.696
11	1.267	2.261	3.309	6.774	6.103	15.490	38.580	66.968	34.189	6.102	0.918	0.611
12	1.324	2.413	3.184	6.394	6.552	16.239	34.030	63.740	31.751	5.608	0.872	0.947
13	1.309	2.291	3.200	9.409	9.562	15.936	32.832	64.064	29.970	5.145	0.981	0.970
14	1.296	2.080	5.268	9.413	14.693	15.728	33.227	67.435	28.298	5.809	1.006	1.084
15	1.313	2.127	7.907	10.192	13.615	17.163	33.086	68.726	26.596	4.390	1.093	0.984
16	1.319	2.454	4.259	9.745	19.014	18.137	34.579	68.552	24.843	4.079	1.009	0.991
17	1.313	2.150	5.444	13.147	15.069	20.968	37.417	68.335	23.702	3.839	1.181	0.883
18	1.318	2.180	4.634	19.574	14.995	21.023	35.792	67.564	22.515	3.628	1.109	0.889
19	1.689	2.146	14.559	19.592	17.992	20.160	37.093	64.288	21.357	3.423	1.233	0.991
20	1.666	2.090	11.918	19.743	19.232	18.186	40.940	60.962	19.723	3.214	1.111	1.080
21	1.532	2.086	7.644	31.184	21.523	17.735	41.224	59.449	18.697	3.388	1.052	1.016
22	1.255	2.033	5.070	25.249	15.976	18.190	43.278	58.770	17.121	3.157	0.965	0.923
23	1.690	2.641	5.471	7.768	16.396	22.956	45.446	60.562	16.519	2.720	0.906	0.895
24	1.649	4.656	5.553	14.072	13.087	21.436	46.582	57.846	16.733	2.471	0.875	0.990
25	1.653	4.615	6.388	11.459	11.682	23.782	46.395	55.601	16.014	2.178	0.803	0.990
26	2.787	4.446	5.046	10.651	11.572	27.900	48.844	55.100	14.831	2.158	0.759	1.016
27	1.771	3.459	4.614	15.077	12.640	24.406	47.856	52.859	13.684	2.076	0.710	1.092
28	1.773	2.744	4.424	10.331	23.208	23.435	48.471	52.225	13.342	1.991	0.683	1.029
29	1.887	3.073	4.199	10.088	38.243	26.168	48.802	50.093	11.943	1.879	0.661	1.122
30	1.719	3.161	3.898	8.290	0.000	27.883	48.778	48.705	10.747	1.829	0.715	1.145
31	1.719	0.000	5.273	7.742	0.000	26.361	0.000	48.401	0.000	1.735	0.683	0.000
MONTHLY	1.438	2.523	5.263	10.474	11.844	19.545	36.354	60.969	27.951	4.955	1.049	0.888
YEARLY	-	15.271										

Table B.2.5a--Daily, monthly, and yearly average runoff in inches for the period 10/1/67 to 9/30/82 at Lower Sheep Creek (Reynolds, Idaho Site 117066).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00000	0.00000	0.00000	0.00000	0.00020	0.00162	0.00099	0.00000	0.00000	0.00000	0.00000	0.00000
2	0.00000	0.00000	0.00000	0.00000	0.00006	0.00798	0.00071	0.00000	0.00000	0.00000	0.00000	0.00000
3	0.00000	0.00000	0.00000	0.00000	0.00003	0.00145	0.00077	0.00000	0.00000	0.00000	0.00000	0.00000
4	0.00000	0.00000	0.00000	0.00000	0.00001	0.00086	0.00092	0.00000	0.00000	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00005	0.00002	0.00025	0.00391	0.00083	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00016	0.00004	0.00045	0.00185	0.00070	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	0.00000	0.00005	0.00070	0.00070	0.00000	0.00000	0.00000	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00000	0.00000	0.00162	0.00145	0.00052	0.00000	0.00000	0.00000	0.00000
9	0.00000	0.00000	0.00000	0.00001	0.00027	0.00110	0.00018	0.00000	0.00000	0.00000	0.00000	0.00000
10	0.00000	0.00000	0.00000	0.00000	0.00015	0.00130	0.00041	0.00012	0.00000	0.00000	0.00000	0.00000
11	0.00000	0.00000	0.00000	0.00000	0.00143	0.00052	0.00289	0.00076	0.00000	0.00000	0.00000	0.00000
12	0.00000	0.00000	0.00000	0.000049	0.00003	0.00071	0.00049	0.00000	0.00000	0.00000	0.00000	0.00000
13	0.00000	0.00000	0.00000	0.000086	0.00168	0.00148	0.00029	0.00000	0.00000	0.00000	0.00000	0.00000
14	0.00000	0.00000	0.00000	0.000204	0.000290	0.00181	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000
15	0.00000	0.00000	0.00000	0.000117	0.00200	0.00596	0.00020	0.00000	0.00000	0.00000	0.00000	0.00000
16	0.00000	0.00000	0.00000	0.000072	0.00796	0.00517	0.00035	0.00000	0.00000	0.00000	0.00000	0.00000
17	0.00000	0.00000	0.00000	0.000044	0.00236	0.00911	0.00039	0.00000	0.00000	0.00000	0.00000	0.00000
18	0.00000	0.00000	0.00000	0.000414	0.00162	0.00428	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000
19	0.00000	0.00000	0.00000	0.000708	0.00399	0.00152	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000
20	0.00000	0.00000	0.00005	0.00988	0.00381	0.00133	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000
21	0.00000	0.00000	0.00000	0.00905	0.00173	0.00254	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000
22	0.00000	0.00000	0.00000	0.00247	0.00010	0.00132	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
23	0.00000	0.00000	0.00000	0.00010	0.00002	0.00028	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
24	0.00000	0.00000	0.00000	0.00361	0.00026	0.00266	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
25	0.00000	0.00000	0.00000	0.000233	0.00034	0.00244	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
26	0.00000	0.00000	0.00000	0.000185	0.00298	0.00308	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000
27	0.00000	0.00000	0.00000	0.00009	0.00145	0.01647	0.000232	0.00125	0.00000	0.00000	0.00000	0.00000
28	0.00000	0.00000	0.00000	0.000042	0.01817	0.00163	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000
29	0.00000	0.00000	0.00000	0.000030	0.00446	0.00132	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000
30	0.00000	0.00000	0.00000	0.000029	0.00000	0.00167	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
31	0.00000	0.00000	0.00000	0.000027	0.00000	0.00215	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
MONTHLY	0.00000	0.00000	0.00036	0.08822	0.09497	0.08682	0.01180	0.00001	0.00000	0.00000	0.00000	0.00000
YEARLY -				0.28218								0.00000

Table B.2.5b--Daily, monthly, and yearly average flows in cfs for the period 10/1/67 to 9/30/82 at Lower Sheep Creek (Reynolds, Idaho Site 117066).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.001	0.003	0.001	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.002	0.004	0.002	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.020	0.001	0.004	0.001	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.001	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.001	0.027	0.002	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.003	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.002	0.003	0.008	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.001	0.011	0.007	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.003	0.013	0.001	0.001	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.005	0.002	0.006	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.010	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.044	0.005	0.002	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.013	0.002	0.004	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.031	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.002	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.005	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.003	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.003	0.004	0.004	0.001	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.002	0.023	0.003	0.002	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.001	0.025	0.002	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
MONTHLY	0.000	0.000	0.000	0.004	0.005	0.004	0.001	0.000	0.000	0.000	0.000	0.000
YEARLY -				0.001								0.000

Table B.2.6a--Daily, monthly, and yearly average runoff in inches for the period 10/1/63 to 9/30/82 at Reynolds Mountain East (Reynolds, Idaho Site 156076).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00275	0.00575	0.00709	0.01063	0.01520	0.01680	0.04045	0.24906	0.27513	0.05002	0.00516	0.00265
2	0.00299	0.00727	0.00727	0.01042	0.01316	0.01595	0.03814	0.27704	0.27398	0.04662	0.00509	0.00227
3	0.00297	0.00624	0.00752	0.01020	0.01225	0.01803	0.03281	0.27755	0.25935	0.04314	0.00446	0.00203
4	0.00323	0.00673	0.00762	0.00992	0.01161	0.01545	0.03542	0.28902	0.24615	0.03639	0.00339	0.00207
5	0.00363	0.00649	0.00703	0.00884	0.01166	0.01520	0.04653	0.29232	0.25275	0.03621	0.00374	0.00224
6	0.00438	0.00777	0.00800	0.00953	0.01106	0.01602	0.05078	0.29305	0.25286	0.03345	0.00380	0.00248
7	0.00477	0.00680	0.00867	0.00779	0.01066	0.01584	0.04835	0.31783	0.23719	0.03155	0.00345	0.00251
8	0.00411	0.00751	0.00806	0.00950	0.01023	0.01517	0.05132	0.32397	0.21244	0.03130	0.00326	0.00248
9	0.00440	0.01367	0.00768	0.00917	0.01003	0.01494	0.05367	0.33893	0.20239	0.02884	0.00313	0.00226
10	0.00423	0.00824	0.00765	0.00894	0.01103	0.01596	0.05740	0.33948	0.19822	0.02510	0.00375	0.00259
11	0.00403	0.00715	0.00751	0.00875	0.01115	0.01621	0.07130	0.32198	0.18221	0.02249	0.00325	0.00324
12	0.00413	0.00745	0.00704	0.00913	0.01059	0.01608	0.07529	0.31950	0.17134	0.01958	0.00393	0.00270
13	0.00385	0.00762	0.00669	0.00974	0.01023	0.01859	0.06517	0.33434	0.16010	0.01729	0.00403	0.00293
14	0.00395	0.00799	0.00993	0.01029	0.01733	0.01773	0.06445	0.36034	0.15623	0.01540	0.00388	0.00270
15	0.00415	0.00791	0.01353	0.01032	0.01077	0.01766	0.07420	0.36867	0.14873	0.01340	0.00341	0.00296
16	0.00411	0.00824	0.00936	0.01249	0.01426	0.01883	0.08184	0.38407	0.14166	0.01299	0.00348	0.00233
17	0.00406	0.00867	0.00803	0.01247	0.01366	0.02141	0.08483	0.37481	0.12913	0.01194	0.00351	0.00292
18	0.00457	0.00643	0.00743	0.02408	0.01285	0.02353	0.09248	0.36315	0.12178	0.01016	0.00407	0.00353
19	0.00579	0.00640	0.01217	0.02908	0.01677	0.01963	0.13837	0.34347	0.11316	0.01016	0.00407	0.00328
20	0.00510	0.00666	0.02362	0.02595	0.02128	0.01786	0.15071	0.32584	0.10679	0.01007	0.00358	0.00328
21	0.00495	0.00659	0.01281	0.01546	0.01811	0.02155	0.03275	0.31873	0.10406	0.01010	0.00359	0.00302
22	0.00499	0.00643	0.02155	0.01481	0.01927	0.02375	0.03275	0.31873	0.14832	0.00934	0.00303	0.00286
23	0.00512	0.00683	0.01777	0.01471	0.02335	0.02188	0.15684	0.34829	0.08939	0.00810	0.00272	0.00287
24	0.00510	0.00656	0.01440	0.01308	0.01959	0.02071	0.16467	0.33065	0.08342	0.00775	0.00234	0.00306
25	0.00511	0.01332	0.02117	0.01133	0.01562	0.01952	0.16002	0.32456	0.08212	0.00682	0.00216	0.00306
26	0.00595	0.01023	0.01700	0.01038	0.01446	0.02061	0.17150	0.32919	0.07715	0.00650	0.00218	0.00325
27	0.00531	0.00863	0.01601	0.00993	0.01368	0.02332	0.17920	0.32042	0.06751	0.00616	0.00223	0.00339
28	0.00563	0.00698	0.01452	0.00995	0.01469	0.02634	0.19514	0.30474	0.06267	0.00605	0.00218	0.00326
29	0.00592	0.00779	0.01036	0.00993	0.03093	0.03191	0.21024	0.29181	0.05560	0.00583	0.00232	0.00303
30	0.00569	0.00708	0.01185	0.01890	0.00000	0.03889	0.22159	0.28665	0.05161	0.00557	0.00237	0.00310
31	0.00562	0.00000	0.01099	0.02007	0.00000	0.04172	0.00000	0.28019	0.00000	0.00532	0.00290	0.00000

MONTHLY 0.14003 0.23461 0.43558 0.39523 0.41081 0.62839 3.11315 9.97334 4.61227 0.58723 0.10455 0.08436
YEARLY - 20.71955

Table B.2.6b--Daily, monthly, and yearly average flows in cfs for the period 10/1/63 to 9/30/82 at Reynolds Mountain East (Reynolds, Idaho Site 156076).

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.012	0.024	0.030	0.045	0.064	0.071	0.170	1.046	1.156	0.210	0.022	0.011
2	0.013	0.025	0.031	0.044	0.055	0.067	0.160	1.164	1.151	0.196	0.021	0.010
3	0.012	0.026	0.033	0.043	0.051	0.076	0.142	1.146	1.090	0.181	0.019	0.009
4	0.014	0.028	0.032	0.042	0.049	0.067	0.149	1.214	1.043	0.163	0.017	0.009
5	0.015	0.027	0.030	0.041	0.047	0.064	0.189	1.192	1.025	0.152	0.016	0.009
6	0.018	0.028	0.035	0.041	0.046	0.067	0.143	1.231	1.162	0.141	0.016	0.010
7	0.018	0.029	0.041	0.041	0.045	0.067	0.203	1.335	0.997	0.133	0.014	0.011
8	0.017	0.032	0.040	0.040	0.043	0.064	0.216	1.361	0.893	0.131	0.014	0.010
9	0.018	0.035	0.032	0.039	0.042	0.063	0.225	1.424	0.850	0.120	0.013	0.010
10	0.018	0.035	0.032	0.038	0.046	0.067	0.241	1.426	0.833	0.105	0.016	0.011
11	0.017	0.030	0.032	0.037	0.047	0.068	0.300	1.353	0.766	0.095	0.014	0.011
12	0.017	0.031	0.030	0.038	0.044	0.068	0.316	1.342	0.720	0.082	0.016	0.011
13	0.016	0.032	0.028	0.041	0.043	0.078	0.274	1.405	0.673	0.073	0.017	0.012
14	0.017	0.034	0.042	0.043	0.046	0.078	0.271	1.514	0.656	0.065	0.016	0.011
15	0.017	0.033	0.057	0.043	0.045	0.078	0.312	1.549	0.625	0.056	0.014	0.012
16	0.017	0.038	0.039	0.052	0.060	0.079	0.344	1.613	0.595	0.055	0.014	0.012
17	0.017	0.029	0.034	0.052	0.057	0.090	0.356	1.575	0.543	0.050	0.015	0.011
18	0.019	0.027	0.031	0.101	0.054	0.099	0.389	1.527	0.512	0.048	0.015	0.012
19	0.024	0.027	0.051	0.122	0.070	0.088	0.581	1.443	0.448	0.043	0.013	0.019
20	0.021	0.028	0.099	0.095	0.089	0.075	0.613	1.359	0.448	0.042	0.015	0.020
21	0.021	0.028	0.054	0.065	0.120	0.074	0.635	1.362	0.442	0.042	0.015	0.013
22	0.021	0.027	0.091	0.063	0.100	0.079	0.623	1.441	0.393	0.040	0.013	0.012
23	0.022	0.029	0.191	0.042	0.098	0.092	0.659	1.463	0.376	0.034	0.011	0.012
24	0.021	0.068	0.185	0.055	0.082	0.087	0.692	1.389	0.350	0.033	0.010	0.013
25	0.021	0.056	0.089	0.048	0.066	0.082	0.672	1.364	0.345	0.028	0.009	0.013
26	0.025	0.043	0.071	0.044	0.061	0.087	0.721	1.383	0.324	0.027	0.009	0.014
27	0.022	0.034	0.067	0.042	0.057	0.098	0.753	1.346	0.284	0.026	0.009	0.014
28	0.024	0.029	0.061	0.040	0.062	0.111	0.820	1.280	0.263	0.025	0.009	0.014
29	0.025	0.033	0.055	0.042	0.130	0.134	0.883	1.226	0.235	0.025	0.010	0.013
30	0.024	0.030	0.050	0.079	0.090	0.163	0.931	1.204	0.217	0.023	0.010	0.013
31	0.024	0.000	0.046	0.084	0.000	0.175	0.000	1.177	0.000	0.022	0.012	0.000

MONTHLY 0.019 0.033 0.059 0.054 0.061 0.085 0.436 1.352 0.646 0.080 0.014 0.012
YEARLY - 0.237

Table 8.3.1a.--Annual maximum runoff volumes in inches for 11 durations at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PER100
1964	4.55510E-02	1.13020E-01	2.24538E-01	4.10853E-01	7.26145E+00	1.32671E+00	1.86390E+00	2.01068E+00	2.26533E+00	2.42328E+00	2.447
1965	4.04826E-02	8.76586E-01	1.56997E+00	1.91301E+00	3.49407E+00	5.3978E+00	4.46612E+00	6.59854E+00	6.58097E+00	7.054	
1966	1.64300E-02	9.47900E-02	1.74646E-01	2.72538E-01	3.98900E-01	4.26145E-01	4.82932E-01	6.12268E-01	7.51775E-01	0.767	
1967	5.45850E-02	1.49466E-01	2.97777E-01	5.38763E-01	9.95558E-01	1.39670E+00	1.52528E+00	1.68198E+00	2.06911E+00	2.16396E+00	2.190
1968	5.45190E-02	1.20368E-01	2.04056E-01	2.63615E-01	3.18510E-01	3.58705E-01	4.05127E-01	4.45643E-01	5.13912E-01	5.70837E-01	0.604
1969	2.69341E-01	6.09314E-01	7.80053E-01	1.24468E+00	1.91914E+00	2.26499E+00	2.88238E+00	3.49572E+00	3.57343E+00	3.604	
1970	1.34366E-01	2.00193E-01	4.24552E-01	5.90148E-01	8.57811E-01	1.14078E+00	1.44321E+00	1.78684E+00	2.55073E+00	2.65347E+00	2.700
1971	1.69379E-01	4.05624E-01	5.99406E-01	8.17528E-01	1.24089E+00	2.31040E+00	2.73321E+00	3.69636E+00	4.35865E+00	4.71835E+00	4.778
1972	1.96430E-01	4.13651E-01	7.37768E-01	1.26935E-01	2.14950E-01	3.07135E-01	3.82782E-01	4.65553E-01	5.49444E-01	5.87187E-01	5.980
1973	5.15970E-01	1.10138E-01	2.36024E-01	4.06754E-01	7.11449E-01	9.11043E-01	1.04064E-01	1.18359E-01	1.61460E-01	1.79556E-01	1.85
1974	9.16110E-02	2.49123E-01	4.73307E-01	7.80484E-01	1.42624E+00	2.17731E+00	2.81734E+00	3.58204E+00	4.24664E+00	4.92056E+00	4.373
1975	7.36500E-02	2.14066E-01	4.33700E-01	7.64410E-01	1.37664E+00	2.05604E+00	2.73895E+00	3.50814E+00	4.27095E+00	4.04647E+00	4.117
1976	5.48000E-02	1.98817E-01	2.63619E-01	5.54557E-01	8.21890E-01	1.45399E+00	1.77575E+00	1.97489E+00	2.37161E+00	2.74561E+00	2.832
1977	1.54800E-02	1.94876E-02	5.59260E-02	8.89360E-02	6.59840E-02	1.04567E-01	1.36801E-01	1.74545E-01	2.50005E-01	3.36785E-01	0.349
1978	1.09025E-01	2.98812E-01	4.97376E-01	7.36161E-01	1.14595E-01	1.84447E-01	2.42854E-01	2.72312E-01	3.06712E+00	3.26134E+00	3.290
1979	2.08809E-01	2.62035E-01	2.79798E-01	3.44447E-01	5.86245E-01	8.28849E-01	1.16279E-01	1.48816E-01	1.90729E+00	2.02403E+00	2.063
1980	3.51103E-02	8.52990E-02	1.89201E-01	3.69142E-01	6.17298E-01	1.16965E-01	1.38626E-01	1.71436E-01	2.10289E+00	2.19727E+00	2.247
1981	5.36960E-02	1.20303E-02	2.20733E-01	3.47118E-01	4.51146E-01	6.40825E-01	8.45602E-01	1.03950E-01	1.24643E+00	1.36604E+00	1.402
1982	3.50378E-01	8.29820E-01	1.36878E+00	1.99063E+00	2.50413E+00	3.56341E+00	4.78130E+00	5.47864E+00	6.29267E+00	6.76408E+00	6.837
MEAN	1.25259E-01	2.68854E-01	4.44547E-01	6.68598E-01	1.02535E+00	1.61006E+00	1.99323E+00	2.34581E+00	2.88267E+00	3.08310E+00	3.130
S.O.	1.13855E-01	2.41740E-01	3.58053E-01	4.86915E-01	6.52739E-01	1.03373E+00	1.28663E+00	1.50292E+00	1.85933E+00	1.96262E+00	1.981

Table 8.3.1b.--Annual maximum runs (consecutive days) above 10 thresholds at Reynolds Cr. Outlet (Reynolds, Idaho Site 036068).
Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	200.00	300.00
1964	269	249	170	106	45	12	5	1	0	0
1965	329	244	227	201	87	25	18	14	5	4
1966	270	123	45	20	6	0	0	0	0	0
1967	255	183	166	68	50	17	8	3	0	0
1968	212	39	28	20	8	2	2	1	0	0
1969	271	203	180	103	68	31	27	8	3	1
1970	299	199	178	157	35	16	12	5	1	1
1971	353	246	230	173	72	58	15	11	3	1
1972	330	280	243	182	162	50	28	25	2	2
1973	317	200	174	90	35	11	1	1	0	0
1974	318	254	228	174	106	48	32	7	1	0
1975	349	240	195	141	102	36	15	10	0	0
1976	365	273	144	108	67	20	11	0	0	0
1977	266	51	2	1	1	0	0	0	0	0
1978	286	241	192	145	90	30	10	6	2	0
1979	280	184	145	37	30	11	2	2	1	1
1980	295	200	178	130	30	13	1	0	0	0
1981	313	248	98	48	15	8	2	1	0	0
1982	323	255	219	212	124	107	32	14	4	4
MEAN	300.0	205.9	160.1	107.2	57.7	26.1	11.6	5.7	1.2	0.7
S.O.	38.5	68.2	69.9	64.6	39.9	25.9	11.1	6.7	1.6	1.3

Table 8.3.1c.--Annual number of days the flow was above 10 thresholds at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).
Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	200.00	300.00
1964	269	249	206	121	87	43	8	1	0	0
1965	331	304	239	247	182	84	51	36	11	7
1966	270	256	122	34	10	0	0	0	0	0
1967	214	219	176	130	57	36	19	4	0	0
1968	297	134	38	20	8	4	3	2	0	0
1969	268	207	185	168	99	57	39	18	3	1
1970	349	215	189	164	81	31	19	10	1	1
1971	357	256	231	211	139	81	47	24	5	1
1972	363	321	264	208	143	101	60	41	7	4
1973	320	269	223	134	49	13	2	2	0	0
1974	331	255	233	197	131	80	54	22	1	0
1975	350	275	207	168	120	71	42	26	0	0
1976	365	300	255	195	84	36	16	0	0	0
1977	271	192	3	1	1	0	0	0	0	0
1978	301	244	210	167	104	59	23	6	2	0
1979	321	235	174	109	55	22	7	5	1	1
1980	340	229	179	145	81	32	4	0	0	0
1981	316	251	178	98	29	12	2	1	0	0
1982	324	295	241	213	163	111	67	37	11	9
MEAN	317.2	247.7	187.0	142.1	85.4	45.9	24.4	12.4	2.2	1.3
S.O.	33.4	44.1	68.1	65.9	52.9	34.5	22.9	14.3	3.6	2.6

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Table 8.3.1d.--Annual minimum runoff volumes in inches for 11 durations at Reynolds Creek Outlet (Reynolds, Idaho Site 036068).

YEAR ^a	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	180 DAY	274 DAY	PERIOD
1963	9.8000E-04	3.1700E-04	7.8400E-04	7.7950E-03	3.7870E-03	8.6680E-03	1.6397E-02	3.246370E-02	1.68549E-01	5.65118E-01	1.554
1964	1.4800E-04	4.4400E-04	1.1200E-03	4.9300E-03	6.3000E-03	1.4100E-02	4.2440E-02	4.2440E-02	3.17963E-01	3.12172E+00	6.099
1965	5.7000E-04	1.7410E-04	4.9300E-03	4.9300E-03	4.0850E-03	4.1102E-02	8.9730E-02	1.54134E-01	2.00446E-01	3.32185E-01	6.65118E-01
1966	0.1100E-03	3.4400E-04	4.9300E-03	4.9300E-03	5.1200E-03	1.4580E-02	4.1750E-02	3.7500E-02	1.52710E-02	6.74340E-02	2.38367E-01
1967	1.4900E-04	5.5500E-04	1.7710E-03	2.2400E-03	8.8440E-03	1.9606E-02	3.29940E-02	5.29930E-02	1.05801E-01	5.13724E-01	2.042
1968	5.8000E-05	2.1230E-04	6.0000E-04	1.9570E-03	4.6970E-03	1.03770E-02	2.20680E-02	5.58310E-02	7.41390E-03	1.91780E-01	1.640
1969	8.0000E-04	2.1320E-04	2.1320E-03	1.01740E-03	2.44890E-02	4.15090E-02	5.92010E-02	1.26022E-01	1.24107E+00	3.363	
1970	3.5400E-04	1.0940E-03	2.6540E-03	6.1360E-03	1.32440E-02	3.10440E-02	5.28262E-02	7.46390E-02	3.94646E-01	1.71719E+00	3.966
1971	5.3400E-04	1.6930E-03	4.0760E-03	9.0350E-03	1.94330E-02	4.31360E-02	9.45210E-02	1.53622E-01	4.78726E-01	1.73514E+00	5.812
1972	3.8000E-04	1.2180E-03	3.0030E-03	7.6690E-03	1.89200E-02	4.9150E-02	8.89360E-02	1.52972E-01	4.13443E-01	9.42904E-01	3.245
1973	2.1600E-04	6.5900E-04	1.6590E-03	3.72100E-03	8.49000E-03	2.02190E-02	3.51720E-02	5.86220E-02	1.81528E-01	1.05363E+00	3.156
1974	2.4900E-04	7.6000E-04	1.81600E-03	4.15400E-03	9.21900E-03	3.34900E-02	4.21650E-02	8.26560E-02	1.88136E-01	9.47334E-01	3.347
1975	4.7900E-04	1.78500E-03	4.36300E-03	9.52100E-03	2.05580E-02	4.60400E-02	1.08137E-01	2.25549E-01	6.19667E-01	1.28911E+00	4.079
1976	5.0500E-05	1.51500E-03	3.79600E-03	9.61200E-03	2.41030E-02	4.96640E-02	7.84620E-02	1.11057E-01	1.81815E-01	2.40335E-01	1.967
1977	7.0000E-05	3.80000E-05	1.57000E-04	1.06100E-03	2.24900E-03	4.91200E-03	8.36300E-03	1.28900E-02	4.198230E-02	2.62100E-01	1.868
1978	3.4400E-05	1.04500E-03	5.88400E-05	3.44500E-02	3.24340E-02	5.21700E-02	9.42230E-02	1.99298E-01	1.05773E+00	3.175	
1979	4.4000E-05	2.11000E-04	1.30700E-03	3.25000E-03	9.59200E-03	2.35490E-02	3.73720E-02	5.74530E-02	1.22432E-01	6.99489E-01	1.733
1980	2.8800E-05	8.73000E-04	3.21800E-03	5.96800E-03	1.48900E-02	3.3720E-02	6.05460E-02	9.04570E-02	2.12314E-01	6.56710E-01	2.053
1981	2.6000E-05	1.19000E-04	3.69000E-04	9.84000E-03	2.71900E-03	1.11900E-02	2.20230E-02	3.93190E-02	1.66439E-01	1.13830E+00	4.563
MEAN	2.48895E-04	7.98368E-04	2.06621E-03	5.10500E-03	1.21555E-02	2.83354E-02	5.17604E-02	8.37317E-02	2.31866E-01	9.65121E-01	3.020
S.O.	1.87866E-04	5.91180E-04	1.46162E-03	3.60193E-03	9.14203E-03	2.08245E-02	3.82477E-02	6.04064E-02	1.54247E-01	6.95986E-01	1.452

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.1e.--Annual maximum runs (consecutive days) below 10 thresholds at Reynolds Cr. outlet (Reynolds, Idaho Site 036068).
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1963	108	117	126	128	131	203	207	217	358	359
1964	96	135	140	142	140	157	158	192	264	265
1965	0	14	50	81	136	198	201	301	308	310
1966	138	162	190	207	210	283	285	295	365	365
1967	22	172	174	176	233	235	237	248	257	365
1968	79	83	135	138	267	280	280	287	294	294
1969	39	164	169	172	174	206	212	243	273	296
1970	7	114	135	140	145	158	165	177	234	291
1971	0	31	81	90	143	146	148	202	250	292
1972	2	58	97	105	108	148	172	187	294	365
1973	29	129	147	178	181	204	205	261	272	348
1974	25	98	109	110	168	212	214	250	299	333
1975	0	60	70	86	90	95	95	175	297	301
1976	0	43	271	278	282	285	288	314	365	365
1977	142	164	166	185	185	186	186	256	256	365
1978	10	103	140	142	156	200	217	230	254	257
1979	20	130	156	201	203	223	224	232	365	365
1980	1	66	146	171	182	184	186	251	365	365
1981	53	142	149	155	159	184	203	235	242	262
MEAN	40.4	104.5	139.5	151.8	175.8	199.3	204.4	239.7	301.1	324.4
S.D.	47.0	48.5	48.5	48.7	49.5	49.1	48.0	41.5	48.1	40.8

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

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Table B.3.1f.--Annual number of days the flow was below 10 thresholds at Reynolds Creek outlet (Reynolds, Idaho Site 036068).
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1963	108	120	164	213	260	291	312	357	363	364
1964	96	135	140	147	161	170	176	283	348	354
1965	0	41	169	229	241	258	271	323	345	354
1966	135	187	245	270	291	328	343	362	365	365
1967	65	207	235	244	276	289	304	328	359	365
1968	115	227	272	275	286	320	328	349	360	362
1969	42	174	183	192	198	213	234	313	348	362
1970	8	122	135	151	164	197	231	311	346	358
1971	0	76	99	129	155	192	218	276	322	342
1972	2	78	119	162	195	234	258	305	356	365
1973	54	133	157	188	205	232	262	326	345	360
1974	40	114	175	193	213	235	245	302	355	364
1975	0	60	83	104	142	196	231	303	345	360
1976	0	199	273	278	282	285	290	333	365	365
1977	147	206	255	263	265	298	313	345	365	365
1978	11	119	178	196	229	245	270	316	354	361
1979	57	166	195	212	245	264	294	348	365	365
1980	12	125	174	218	246	269	282	334	365	365
1981	90	142	153	174	192	231	264	307	345	353
MEAN	51.7	138.6	179.2	202.0	224.5	249.8	269.8	322.0	353.5	360.5
S.D.	50.2	52.9	55.4	50.4	48.7	45.0	41.7	24.0	11.1	6.1

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.2a.--Annual maximum runoff volumes in inches for 11 durations at Macks Creek (Reynolds, Idaho Site D46084).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1966	1.92300E-02	3.97690E-02	6.90190E-02	1.13019E-01	1.94861E-01	2.89340E-01	3.46124E-01	4.10919E-01	5.09468E-01	6.04030E-01	0.608
1967	9.68420E-02	1.53356E-01	2.32785E-01	4.35456E-01	5.68137E-01	7.68375E-01	9.44964E-01	1.23315E+00	1.49438E+00	1.53286E+00	1.535
1968	5.05270E-02	1.09374E-01	1.94513E-01	2.42162E-01	2.81607E-01	3.43793E-01	3.91370E-01	4.32055E-01	4.73413E-01	4.87761E-01	0.491
1969	4.02768E-01	7.29949E-01	9.17753E-01	1.13465E+00	1.30922E+00	1.51756E+00	2.37563E+00	2.77559E+00	2.90376E+00	2.92808E+00	2.932
1970	2.19943E-01	3.03372E-01	5.96664E-01	8.35256E-01	9.87168E-01	1.27677E+00	1.54797E+00	1.80150E+00	1.89095E+00	1.91103E+00	1.918
1971	3.74543E-01	7.69407E-01	9.75273E-01	1.18474E+00	1.44206E+00	1.73397E+00	2.99299E+00	3.41329E+00	3.66638E+00	3.77556E+00	3.75
1972	2.79943E-01	5.34608E-01	9.16028E-01	1.44303E+00	2.10099E+00	3.04373E+00	3.86618E+00	4.14121E+00	4.50851E+00	4.74545E+00	4.738
1973	9.27268E-02	2.16440E-01	4.35716E-01	6.51464E-01	7.56653E-01	9.30596E-01	1.14163E+00	1.38504E+00	1.54145E+00	1.67029E+00	1.75095E+00
1974	1.42207E-01	9.33735E-01	7.33735E-01	1.14163E+00	1.85020E+00	2.18393E+00	2.96689E+00	3.203667E+00	3.64099E+00	3.72096E+00	3.724
1975	2.34303E-01	3.78816E-01	5.61013E-01	8.40454E-01	1.11256E+00	1.86322E+00	4.40826E+00	4.11630E+00	4.56968E+00	4.76893E+00	4.768
1976	5.71120E-02	1.84121E-01	2.52629E-01	5.30939E-01	8.45070E-01	1.28417E+00	1.53112E+00	1.95154E+00	2.29098E+00	2.58166E+00	2.648
1977	1.77100E-02	1.02028E-02	2.04909E-02	1.04000E-02	7.52340E-02	1.26127E-01	1.75230E-01	2.17406E-01	3.14540E-01	4.19094E-01	0.427
1978	1.30400E-01	3.29008E-01	4.91686E-01	6.371162E-01	1.061184E+00	1.93666E+00	2.404631E+00	2.69112E+00	2.93656E+00	3.000811E+00	3.006
	3.07783E-01	3.91595E-01	4.08371E-01	4.70105E-01	6.89443E-01	1.17977E+00	1.54075E+00	1.84786E+00	2.04084E+00	2.08990E+00	2.095
1980	3.78940E-02	9.65440E-02	1.66624E-01	2.39441E-01	3.69973E-01	7.04266E-01	9.54465E-01	1.11518E+00	1.51384E+00	1.61171E+00	1.623
1981	5.99130E-02	1.43434E-01	2.23154E-01	2.97600E-01	4.28531E-01	6.50034E-01	9.95832E-01	1.11019E+00	1.32987E+00	1.44261E+00	1.453
1982	3.05496E-01	8.79614E-01	1.47406E+00	2.12813E+00	2.69738E+00	3.90469E+00	4.75963E+00	5.01548E+00	5.61831E+00	5.80807E+00	5.848
MEAN	1.65751E-01	3.30479E-01	5.11568E-01	7.30791E-01	1.02126E+00	1.47591E+00	1.93633E+00	2.18336E+00	2.44046E+00	2.53909E+00	2.552
S.O.	1.30319E-01	2.62914E-01	3.863347E-01	5.45919E-01	7.37699E-01	0.07680E+00	1.38765E+00	1.46988E+00	1.55963E+00	1.59013E+00	1.596

Table B.3.2b.--Annual maximum runs (consecutive days) above 10 thresholds at Macks Creek (Reynolds, Idaho Site D46084).
Thresholds are in cubic feet per second.

WATER YEAR	0.25	0.50	1.00	3.00	7.00	10.00	15.00	20.00	30.00	50.00
1966	242	102	43	2	0	0	0	0	0	0
1967	172	163	156	18	5	3	2	1	1	0
1968	113	40	19	8	4	2	1	0	0	0
1969	186	139	118	48	24	8	5	4	3	2
1970	157	136	126	24	13	4	4	1	1	1
1971	184	134	126	52	23	14	9	7	3	2
1972	262	231	183	77	33	28	22	12	5	2
1973	238	174	117	19	12	10	4	2	1	0
1974	223	200	132	58	35	31	11	7	5	0
1975	197	170	127	92	41	39	18	3	1	1
1976	283	250	172	72	13	9	3	0	0	0
1977	249	39	3	0	0	0	0	0	0	0
1978	214	192	148	64	23	11	5	3	2	0
1979	146	142	108	55	4	3	2	1	1	0
1980	229	187	80	19	4	1	0	0	0	0
1981	244	188	75	12	4	2	0	0	0	0
1982	266	211	187	87	79	31	13	11	10	3
MEAN	212.1	156.7	112.9	39.8	18.6	11.6	6.0	3.1	1.9	0.7
S.O.	47.0	58.4	53.8	30.7	20.2	12.6	6.5	3.9	2.7	1.0

Table B.3.2c.--Annual number of days the flow was above 10 thresholds at Macks Creek (Reynolds, Idaho Site 046084).
Thresholds are in cubic feet per second.

WATER YEAR	0.25	0.50	1.00	3.00	7.00	10.00	15.00	20.00	30.00	50.00
1965	164	48	2	0	0	0	0	0	0	0
1967	197	168	156	44	7	5	4	1	1	0
1968	131	80	24	8	4	3	1	0	0	0
1969	188	155	130	72	40	23	9	5	3	2
1970	161	140	129	57	14	9	6	2	2	1
1971	230	199	152	102	42	26	15	11	6	3
1972	271	231	193	107	61	41	30	22	11	3
1973	240	199	151	34	17	12	5	3	1	0
1974	223	208	172	91	46	39	25	13	6	0
1975	221	185	154	104	80	64	40	16	4	1
1976	313	260	214	89	27	14	4	0	0	0
1977	255	126	7	0	0	0	0	0	0	0
1978	214	201	154	100	45	28	8	4	2	0
1979	185	150	116	44	15	10	8	4	2	1
1980	231	213	167	65	8	2	0	0	0	0
1981	244	211	133	34	10	5	3	0	0	0
1982	266	240	201	108	83	61	23	18	13	7
MEAN	224.2	184.1	135.4	63.6	29.4	20.1	10.6	5.8	3.0	1.1
S.O.	43.4	45.3	58.5	37.8	26.9	20.5	11.9	7.3	3.9	1.9

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Table B.3.2d.--Annual minimum runoff volumes in inches for 11 durations at Macks Creek (Reynolds, Idaho Site 046084).

YEAR*	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	180 DAY	240 DAY	PER100
1965	2.76000E-04	8.67000E-04	2.21300E-03	5.20600E-03	1.36394E-02	5.12490E-02	9.37060E-02	1.36737E-01	2.34911E-01	4.31302E-01	1.635
1966	8.00000E-06	2.40000E-06	6.80000E-05	2.24000E-04	4.44000E-04	1.03000E-03	1.96300E-03	3.08900E-03	1.43500E-02	1.25189E-01	1.060
1967	2.70000E-05	8.80000E-05	2.49000E-04	4.96000E-04	1.08600E-03	2.45005E-03	5.38200E-03	9.05900E-03	4.54100E-02	3.51074E-01	1.048
1968	2.00000E-05	6.00000E-05	1.40000E-04	3.00000E-04	6.00000E-04	1.20000E-03	2.09400E-03	3.37000E-03	8.78900E-03	9.14067E-02	2.061
1969	4.50000E-05	1.60000E-05	4.50000E-04	7.24000E-04	4.65600E-03	7.97000E-03	1.23070E-02	3.34550E-02	4.32304E-01	2.435	
1970	2.00000E-05	1.20000E-05	1.47000E-04	4.12000E-04	9.96000E-04	2.83100E-03	5.62100E-03	1.01340E-02	5.87011E-02	5.92439E-01	3.398
1971	5.00000E-05	8.30000E-05	6.63000E-04	1.69800E-04	3.90100E-03	9.02300E-03	1.88740E-02	4.19430E-02	1.62202E-01	7.82471E-01	4.697
1972	2.50000E-05	8.10000E-05	2.47100E-04	5.99000E-04	1.37500E-03	3.37900E-03	9.01700E-03	3.63180E-02	1.75424E-01	8.40592E-01	1.748
1973	8.00000E-06	2.40000E-06	8.00000E-05	2.46000E-04	7.02000E-04	1.50000E-03	2.83700E-03	5.02500E-03	6.73980E-02	1.00611E+00	3.643
1974	8.00000E-06	2.40000E-06	5.60000E-05	1.20000E-04	2.67000E-04	5.71000E-04	2.56900E-03	6.54700E-03	4.03320E-02	3.47829E-01	3.032
1975	2.93000E-04	9.22000E-05	2.26600E-03	5.38500E-03	1.12600E-02	2.34020E-02	5.93240E-02	1.22486E-01	4.05126E-01	1.22130E+00	4.287
1976	2.82000E-04	8.83000E-05	2.35700E-03	5.36900E-03	1.41910E-02	3.36900E-02	6.81330E-02	1.04657E-01	2.00881E-01	3.63450E-01	1.371
1977	8.00000E-06	2.40000E-06	6.20000E-05	2.23000E-04	7.40000E-04	1.55500E-03	2.59900E-03	3.50700E-03	2.47540E-02	2.00707E-01	1.846
1978	5.80000E-05	2.89000E-04	7.53000E-03	1.72000E-03	3.76900E-03	7.69300E-03	1.21720E-02	2.32920E-02	6.61420E-02	7.52776E-01	2.813
1979	1.40000E-05	5.40000E-05	1.40000E-04	3.14000E-04	8.26000E-04	2.03900E-03	4.48300E-03	8.37599E-03	4.49410E-02	4.14278E-01	1.515
1980	0.00000E+00	0.00000E+00	2.14000E-04	7.47000E-04	2.16000E-03	6.55000E-03	1.54760E-02	3.51760E-02	1.74876E-01	7.07016E-01	1.505
1981	2.80000E-05	9.10000E-05	2.92000E-04	7.83000E-04	1.81800E-03	4.71700E-03	1.19450E-02	2.46480E-02	1.37175E-01	9.39465E-01	4.612
MEAN	7.03529E-05	2.24647E-04	6.03941E-04	1.44335E-03	3.50312E-03	9.79147E-03	1.90685E-02	3.45472E-02	1.12640E-01	5.68806E-01	2.512
S.D.	1.03832E-04	3.25632E-04	8.22860E-04	1.90718E-03	4.70276E-03	1.46050E-02	2.72748E-02	4.35643E-02	1.04160E-01	3.23139E-01	1.233

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.2e.--Annual maximum runs (consecutive days) below 10 thresholds at Macks Creek (Reynolds, Idaho Site 046084).
Thresholds are in cubic feet per second.

YEAR*	0.10	0.20	0.50	1.00	2.00	3.00	5.00	7.00	10.00	15.00
1965	3	15	50	82	198	201	287	308	310	311
1966	172	182	208	277	284	295	295	295	295	295
1967	122	152	177	183	248	252	254	325	325	326
1968	190	220	240	279	279	287	287	287	287	287
1969	144	166	200	238	254	258	268	273	278	282
1970	123	156	161	184	194	198	250	251	283	283
1971	76	88	133	150	200	203	225	238	246	249
1972	71	90	128	161	167	168	190	191	192	365
1973	130	141	169	197	206	229	235	235	265	269
1974	134	158	187	211	227	246	275	284	288	315
1975	1	47	75	76	96	96	155	157	159	203
1976	2	19	43	216	293	327	347	350	352	355
1977	144	172	183	186	250	258	308	308	338	338
1978	101	113	143	185	230	242	248	249	252	254
1979	89	95	176	192	235	242	245	246	246	365
1980	48	60	130	144	191	199	202	211	268	319
1981	79	123	148	162	206	229	232	239	241	242
MEAN	95.8	117.5	150.1	183.7	221.6	232.4	253.1	261.6	274.4	297.5
S.D.	57.8	58.9	54.0	55.0	48.4	53.5	46.4	49.6	48.4	45.7

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.2f.--Annual number of days the flow was below 10 thresholds at Macks Creek (Reynolds, Idaho Site 046084).
Thresholds are in cubic feet per second.

YEAR*	0.10	0.20	0.50	1.00	2.00	3.00	5.00	7.00	10.00	15.00
1965	4	35	151	262	292	313	341	351	361	363
1966	172	186	243	277	308	344	357	358	360	361
1967	147	173	217	255	320	334	355	361	362	364
1968	190	226	253	282	297	325	337	343	352	358
1969	153	182	222	241	256	285	324	333	346	357
1970	124	156	179	211	241	287	323	334	342	350
1971	76	94	147	189	239	256	286	304	323	335
1972	87	90	136	188	289	319	334	349	361	365
1973	130	141	169	204	253	285	307	321	326	338
1974	134	159	207	248	278	293	304	317	330	353
1975	1	57	99	128	203	252	280	306	321	333
1976	2	31	180	300	322	327	347	351	356	362
1977	162	173	224	266	291	305	323	338	346	362
1978	101	136	184	244	276	287	319	334	346	352
1979	131	162	186	232	266	299	342	356	363	365
1980	82	101	140	211	299	319	344	358	362	364
1981	81	123	153	176	251	285	303	311	324	348
MEAN	104.5	131.5	181.8	230.0	275.4	300.9	325.2	336.8	345.9	354.7
S.D.	58.9	54.8	41.8	44.3	31.9	25.8	22.8	19.1	15.6	10.7

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table 8.3.3a.--Annual maximum runoff volumes in inches for 11 durations at Tollgate (Reynolds, Idaho Site 116083).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PER100
1967	2.09356E-01	6.02297E-01	1.34355E+00	2.48922E+00	4.53327E+00	6.67450E+00	7.30166E+00	7.85034E+00	8.64889E+00	8.98962E+00	9.095
1968	1.35075E-01	3.21529E-01	5.48523E-01	7.44575E-01	9.53076E-01	1.42851E+00	2.07149E+00	2.50173E+00	2.74723E+00	2.98395E+00	3.057
1969	4.24174E-01	7.22613E-01	1.24538E+00	2.36218E+00	4.11530E+00	7.16610E+00	8.59456E+00	9.04026E+00	1.09363E+01	1.14034E+01	11.471
1970	2.07982E-01	5.50805E-01	1.27040E+00	2.53156E+00	4.18426E+00	5.81495E+00	6.69777E+00	7.34403E+00	9.26674E+00	9.53837E+00	9.444
1971	2.75445E-01	7.24807E-01	1.64737E+00	3.19252E+00	4.85504E+00	7.87251E+00	1.02686E+01	1.12030E+01	1.37452E+01	1.48362E+01	14.890
1972	3.06545E-01	6.73579E-01	1.40223E+00	2.50600E+00	4.42318E+00	7.21134E+00	1.04045E+01	1.30382E+01	1.52008E+01	1.68699E+01	16.235
1973	1.40494E-01	3.01239E-01	6.77774E-01	1.39873E+00	2.61716E+00	3.88139E+00	4.30473E+00	4.58762E+00	5.45008E+00	5.88698E+00	6.001
1974	1.86926E-01	5.19151E-01	2.22217E+00	3.56480E+00	6.69889E+00	9.74474E+00	1.056610E+01	1.26205E+01	1.28645E+01	12.749	
1975	2.87154E-01	8.24992E-01	1.78159E+00	3.19934E+00	6.33282E+00	9.95815E+00	1.07921E+01	1.16050E+01	1.26436E+01	1.30669E+01	13.315
1976	1.93197E-01	5.52659E-01	1.25311E+00	2.48263E+00	4.13117E+00	6.74474E+00	7.76150E+00	8.82802E+00	9.85995E+00	9.77115E+00	10.031
1977	2.01980E-01	5.76830E-02	1.23297E+00	2.41445E+00	4.17245E+00	8.11077E-01	9.80735E-01	1.07751E+00	1.24401E+00	1.48976E+00	1.512
1978	2.44156E-01	6.26668E-01	1.26237E+00	2.26129E+00	4.17725E+00	6.94223E+00	8.95410E+00	9.76168E+00	1.05095E+01	1.11761E+01	11.308
1979	1.43948E-01	4.62521E-01	1.56310E+00	3.184919E+00	4.48941E+00	5.11903E+00	5.75149E+00	6.39646E+00	6.68063E+00	6.773	
1980	1.71812E-01	4.35262E-01	1.55773E+00	2.17622E+00	3.56590E+00	5.51214E+00	6.24651E+00	6.69293E+00	7.66708E+00	7.96075E+00	8.125
1981	1.77602E-01	4.19612E-01	8.52720E-01	1.50497E+00	2.03127E+00	2.80956E+00	3.33636E+00	3.85198E+00	4.25298E+00	4.54652E+00	4.582
1982	3.27270E-01	7.80582E-01	2.78701E+00	5.29321E+00	9.19067E+00	1.10888E+01	1.45123E+01	1.67237E+01	1.84742E+01	18.824	
MEAN	2.15666E-01	5.36965E-01	1.13843E+00	2.12315E+00	3.67785E+00	5.77791E+00	7.09017E+00	8.00529E+00	9.14150E+00	9.70162E+00	9.856
S.O.	9.45321E-02	2.01037E-01	4.31807E-01	8.09718E-01	1.53466E+00	2.49548E+00	3.18212E+00	3.83212E+00	4.40942E+00	4.70545E+00	4.790

Table 8.3.3b.--Annual maximum runs (consecutive days) above 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).
Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	150.00	200.00
1967	262	188	125	75	52	32	14	8	0	0
1968	265	128	115	29	5	1	1	0	0	0
1969	275	208	178	97	77	24	13	2	1	1
1970	208	189	177	88	45	25	14	4	0	0
1971	312	248	182	118	90	35	17	13	1	0
1972	338	258	182	140	117	42	18	2	1	0
1973	289	200	104	62	43	13	1	0	0	0
1974	314	267	187	119	101	31	12	2	0	0
1975	352	180	154	101	75	43	35	11	2	0
1976	320	238	119	100	62	26	17	2	0	0
1977	177	79	61	3	0	0	0	0	0	0
1978	258	225	160	115	88	31	9	3	0	0
1979	289	166	122	76	39	15	4	0	0	0
1980	227	190	103	77	62	22	13	0	0	0
1981	277	137	90	50	17	9	1	1	0	0
1982	338	287	194	151	85	57	36	8	1	0
MEAN	281.3	199.3	140.8	87.6	59.9	25.4	12.8	3.5	0.4	0.1
S.O.	48.6	55.1	40.9	39.1	33.9	15.4	10.9	4.2	0.6	0.3

Table 8.3.3c.--Annual number of days the flow was above 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).
Thresholds are in cubic feet per second.

WATER YEAR	1.00	2.50	5.00	10.00	25.00	50.00	75.00	100.00	150.00	200.00
1967	284	201	171	111	54	37	24	9	0	0
1968	279	140	115	55	5	2	1	0	0	0
1969	282	229	186	121	86	60	19	3	1	1
1970	279	193	178	147	55	39	18	7	0	0
1971	341	266	224	171	112	65	24	16	1	0
1972	363	295	194	158	125	79	43	4	2	0
1973	299	222	138	78	46	16	1	0	0	0
1974	316	267	199	138	108	59	17	2	0	0
1975	355	207	161	139	92	46	35	23	4	0
1976	345	209	168	108	67	41	18	4	0	0
1977	267	80	63	6	0	0	0	0	0	0
1978	294	235	179	122	91	45	18	3	0	0
1979	294	184	131	96	44	23	4	0	0	0
1980	311	195	155	97	66	25	14	0	0	0
1981	282	158	114	74	22	9	1	1	0	0
1982	345	315	228	171	145	76	54	27	4	0
MEAN	308.5	216.7	164.0	112.0	69.3	38.9	18.2	6.2	0.8	0.1
S.D.	31.5	61.0	43.4	44.3	41.5	25.0	15.7	8.5	1.4	0.3

Table 8.3.3d--Annual minimum runoff volumes in inches for 11 durations at Tollgate (Reynolds, Idaho Site 116083).

YEAR*	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD	
1966	1.5000E-05	6.5000E-05	2.2300E-04	5.3100E-04	1.1380E-03	3.5590E-03	1.6591E-02	6.0238E-02	2.8275E-01	1.1905E+00	4.173	
1967	4.4500E-05	1.4730E-03	4.1990E-03	1.1947E-02	3.0965E-02	1.4303E-01	2.2722E-01	4.4796E-01	1.9312E+00	9.240		
1968	1.6000E-05	6.0000E-05	1.5400E-04	3.9100E-03	2.5820E-03	6.6957E-02	6.5753E-01	1.1325E-01	3.9539E-01	1.7872E+00	4.423	
1969	3.1000E-05	1.0400E-04	3.2600E-04	1.9610E-03	7.4140E-03	2.3239E-02	7.2640E-02	1.4557E-01	3.4969E-02	2.8555E+00	11.221	
1970	1.3100E-05	4.3800E-04	1.3270E-03	6.5520E-03	1.4266E-02	4.8523E-02	1.1919E-01	2.5449E-01	1.0890E+00	4.3349E+00	12.98	
1971	1.3740E-03	4.3460E-03	1.1460E-02	2.5086E-03	5.4779E-02	1.4007E-01	2.9742E-01	4.3649E-01	9.9271E-01	2.2230E+00	16.371	
1972	1.6830E-03	5.3670E-03	1.3526E-02	3.2532E-03	6.8846E-02	1.7308E-01	2.9712E-01	4.3461E-01	1.0373E+00	2.2277E+00	13.477	
1973	8.0000E-05	2.5800E-04	6.9200E-04	1.6440E-02	7.6830E-03	3.1875E-02	9.7450E-02	1.9710E-01	5.6509E-01	2.1289E+00	8.047	
1974	6.1700E-04	1.9160E-03	4.8730E-03	1.1431E-02	2.4895E-02	7.0495E-02	1.8710E-01	3.6667E-01	1.6667E-01	2.6667E-01	10.802	
1975	1.7440E-03	5.2860E-03	1.2598E-02	2.9798E-02	1.1431E-02	2.7763E-02	4.4665E-02	5.5008E-01	1.3577E-01	3.0371E+00	13.531	
1976	7.7900E-05	2.6740E-03	6.6250E-03	1.4620E-02	5.2747E-02	1.3187E-01	2.2111E-01	3.0528E-01	4.5732E-01	8.3499E-01	8.575	
1977	7.0000E-06	2.0790E-03	6.8400E-03	6.0220E-02	1.4700E-02	4.8900E-02	1.4050E-01	2.9300E-01	3.9400E-02	2.7292E-01	1.3576E+00	3.975
1978	5.4700E-05	1.0790E-03	6.5020E-03	1.7285E-02	4.6809E-02	1.1559E-01	1.9038E-01	2.7496E-01	5.4331E-01	1.9343E+00	9.894	
1979	8.2000E-05	9.8000E-04	7.3600E-04	3.5400E-03	8.9570E-03	3.16150E-02	6.3200E-02	1.48669E-01	3.40033E-01	1.69935E+00	6.769	
1980	5.7000E-06	1.9750E-03	6.4340E-03	1.4302E-02	3.0477E-02	1.07775E-01	1.82552E-01	2.64752E-01	5.99318E-01	1.62752E+00	7.926	
1981	7.0000E-06	2.1000E-05	4.9300E-05	1.0500E-02	2.1000E-04	1.55700E-03	2.54900E-03	8.7270E-02	4.90473E-03	3.08498E+00	9.937	
MEAN	5.08062E-04	1.64256E-03	4.29938E-03	1.05712E-02	2.57371E-02	7.39802E-02	1.44330E-01	2.36498E-01	6.09713E-01	2.30159E+00	9.274	
S.D.	6.03767E-04	1.89105E-03	4.74092E-03	1.08550E-02	2.38725E-02	5.99462E-02	1.05830E-01	1.44456E-01	3.26595E-01	1.05916E+00	3.422	

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table 8.3.3e.--Annual maximum runs (consecutive days) below 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1966	102	155	168	225	232	243	250	365	365	365
1967	27	152	214	222	227	234	235	250	297	365
1968	51	93	149	152	165	214	287	294	295	295
1969	77	157	165	198	201	206	220	238	257	365
1970	62	96	120	139	145	147	148	221	236	292
1971	6	65	126	136	142	147	202	232	251	333
1972	1	42	91	157	162	168	173	292	365	365
1973	60	131	140	143	194	229	231	244	365	365
1974	47	93	154	192	198	230	248	297	326	365
1975	2	46	67	93	95	96	113	168	296	301
1976	17	255	270	276	280	286	290	311	321	365
1977	121	157	166	179	215	257	257	258	365	365
1978	13	134	181	185	196	204	208	230	337	365
1979	61	103	196	201	205	214	217	266	365	365
1980	34	78	168	173	180	186	188	302	365	365
1981	84	139	147	161	189	201	205	235	242	262
MEAN	47.8	117.9	157.6	177.0	189.1	205.8	217.0	262.7	315.5	343.6
S.O.	36.3	53.6	47.4	43.3	42.6	48.1	47.1	46.2	48.8	35.3

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

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Table 8.3.3f.--Annual number of days the flow was below 10 thresholds at Tollgate (Reynolds, Idaho Site 116083).
Thresholds are in cubic feet per second.

YEAR*	1.00	3.00	5.00	7.00	10.00	15.00	20.00	50.00	100.00	150.00
1966	117	198	229	265	283	308	328	365	365	365
1967	49	200	214	235	256	296	302	326	356	365
1968	103	174	205	239	296	339	349	360	364	364
1969	90	179	190	198	216	264	279	305	362	365
1970	64	121	150	168	203	238	276	317	356	364
1971	17	105	170	189	209	222	236	285	348	363
1972	2	120	198	231	251	266	274	315	365	365
1973	72	146	194	236	265	286	293	337	365	365
1974	50	188	217	224	236	259	272	318	363	365
1975	5	89	150	204	232	264	270	318	342	361
1976	27	259	270	276	280	286	291	325	361	365
1977	137	175	226	271	325	343	344	356	365	365
1978	23	197	221	233	257	274	283	328	362	365
1979	90	195	220	241	270	293	308	342	365	365
1980	39	197	230	251	270	287	292	341	365	365
1981	99	141	173	204	242	266	281	337	355	362
MEAN	61.5	168.3	203.6	229.1	255.6	280.7	292.4	329.7	359.9	364.3
S.O.	41.5	43.6	31.9	30.2	32.7	31.9	29.0	20.9	6.9	1.3

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.4a.--Annual maximum runoff volumes in inches for 11 durations at Reynolds Mountain East (Reynolds, Idaho Site 166076).

WATER YEAR	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1964	6.24897E-01	1.79371E+00	3.80335E+00	7.00742E+00	1.21485E+01	1.70382E+01	1.88387E+01	1.93807E+01	1.97717E+01	2.06298E+01	21.017
1965	1.13734E+01	2.05459E+00	3.94167E+00	8.20930E+00	1.32375E+01	2.04364E+01	2.64351E+01	2.72335E+01	2.37376E+01	3.43378E+01	34.869
1966	2.69908E-01	7.68864E-01	1.69944E+00	3.12036E+00	4.46675E+00	7.58353E+00	10.40691E+00	9.70890E+00	9.10789E+00	9.65304E+00	9.862
1967	7.96220E+01	2.25779E+00	4.54612E+00	8.68304E+00	1.46677E+01	1.93221E+00	1.98336E+01	2.00449E+01	2.03896E+01	2.08188E+01	21.005
1968	1.00000E+01	1.00000E+01	1.00000E+01	1.00000E+01	1.00000						
1969	6.56801E-01	1.86959E+00	4.20034E+00	7.75015E+00	1.22214E+01	1.85649E+01	2.09345E+01	2.13057E+01	2.15877E+01	2.22825E+01	22.432
1970	8.07340E-01	2.32335E+00	5.15415E+00	9.73491E+00	1.39732E+01	1.79745E+01	1.86442E+01	1.89420E+01	1.96150E+01	1.98789E+01	20.059
1971	8.90771E-01	2.55472E+00	5.90732E+00	1.13012E+01	1.60552E+01	2.08888E+01	2.57052E+01	2.66769E+01	2.95191E+01	3.07514E+01	31.064
1972	6.91905E-01	2.05716E+00	4.41290E+00	8.22903E+00	1.23552E+01	1.48402E+01	1.83511E+01	2.08785E+01	3.21569E+01	3.28128E+01	33.407
1973	5.07138E-01	1.34362E+00	2.90490E+00	5.60804E+00	8.85813E+00	1.09479E+01	1.14832E+01	1.16808E+01	1.22780E+01	1.30240E+01	13.249
1974	6.89410E-01	1.95780E+00	4.04500E+00	7.09607E+00	1.20346E+01	2.08747E+01	2.37056E+01	2.48651E+01	2.57475E+01	2.64118E+01	26.640
1975	1.07546E+00	2.86892E+00	6.32626E+00	1.13535E+01	1.78519E+01	2.48636E+01	2.62019E+01	2.64895E+01	2.69978E+01	2.75592E+01	27.932
1976	7.48110E-01	2.09712E+00	4.74330E+00	8.69135E+00	1.34369E+01	1.75262E+01	1.95594E+01	1.98946E+01	2.04463E+01	2.18296E+01	22.347
1977	1.07034E-01	2.39792E-01	4.74180E-01	9.72269E+00	1.50134E+01	2.04626E+01	2.73412E+01	2.65904E+01	3.05018E+01	3.36364E+01	3.479
1978	7.11191E-01	1.83922E+00	3.78820E+00	7.07791E+00	1.23808E+01	1.70600E+01	2.07626E+01	2.18074E+01	2.23262E+01	2.33364E+01	24.492
1979	5.06364E-01	1.49298E+00	3.35535E+00	6.29574E+00	1.00057E+01	1.32327E+01	1.38686E+01	1.48488E+01	1.62952E+01	1.49477E+01	15.221
1980	4.96824E-01	1.45766E+00	3.25792E+00	6.66218E+00	1.06849E+01	1.57532E+01	1.71112E+01	1.73647E+01	1.78767E+01	1.84478E+01	18.795
1981	5.73066E-01	1.43266E+00	2.82546E+00	4.70387E+00	6.07152E+00	7.62278E+00	8.20319E+00	8.81442E+00	9.40437E+00	9.87765E+00	9.943
1982	6.29479E-01	1.83928E+00	4.15010E+00	7.73191E+00	1.37024E+01	2.14837E+01	2.59468E+01	2.70404E+01	2.98782E+01	3.16483E+01	32.044
MEAN	6.34595E-01	1.71339E+00	3.69280E+00	6.91768E+00	1.12043E+01	1.62106E+01	1.79806E+01	1.86281E+01	1.96462E+01	2.04302E+01	20.711
S.D.	2.69619E-01	6.90841E-01	1.53475E+00	2.87080E+00	4.66746E+00	6.87470E+00	7.74014E+00	8.02624E+00	8.76428E+00	9.065621E+00	9.178

Table B.3.4b.--Annual maximum runs (consecutive days) above 10 thresholds at Reynolds Mtn. East (Reynolds, Idaho Site 166076).
Thresholds are in cubic feet per second.

WATER YEAR	0.02	0.03	0.04	0.05	0.10	0.40	0.70	1.00	2.00	4.00	
1964	279	126	116	93	51	41	32	5	0		
1965	314	254	181	176	101	69	60	34	7	1	
1966	154	117	93	87	75	25	11	4	0		
1967	139	87	82	78	66	45	38	33	13	0	
1968	133	125	118	117	75	2	0	0	0		
1969	117	112	105	102	93	61	53	28	11	0	
1970	186	105	101	97	63	48	27	25	14	0	
1971	263	250	190	188	110	63	49	34	15	0	
1972	312	156	150	147	137	70	53	47	10		
1973	227	90	84	82	63	34	25	15	1	0	
1974	266	132	128	125	108	72	34	26	7		
1975	247	107	103	93	76	64	48	32	18	1	
1976	309	270	106	98	86	56	33	28	12	0	
1977	82	73	61	58	27	1	0	0	0		
1978	240	217	119	118	111	67	36	31	3		
1979	133	125	92	89	72	45	20	18	5	0	
1980	253	100	95	94	82	63	30	23	1	0	
1981	141	135	129	104	62	21	15	10	2	0	
1982	277	248	174	171	155	75	66	43	9	0	
MEAN	214.3	148.9	117.2	112.5	87.1	49.1	33.6	24.3	7.0	0.1	
S.D.	74.8	64.2	34.9	35.1	29.3	22.7	18.9	13.5	5.7	0.3	

Table 8.3.4c.--Annual number of days the flow was above 10 thresholds at Reynolds Mountain East (Reynolds, Idaho Site 166076).
Thresholds are in cubic feet per second.

WATER YEAR	0.02	0.03	0.04	0.05	0.10	0.40	0.70	1.00	2.00	4.00
1964	290	159	140	133	98	58	44	32	6	0
1965	348	279	234	213	178	80	66	54	17	1
1966	254	156	110	97	77	35	12	5	0	0
1967	175	126	87	80	66	50	42	35	17	0
1968	176	135	120	119	95	7	0	0	0	0
1969	227	144	119	107	94	66	55	35	11	0
1970	191	133	112	104	73	49	34	31	14	0
1971	287	256	223	209	159	79	54	41	15	0
1972	327	230	167	157	137	92	57	46	22	0
1973	283	175	121	102	71	36	26	18	1	0
1974	273	213	162	150	122	73	62	46	11	0
1975	294	149	126	106	79	64	48	40	24	1
1976	325	294	206	157	94	65	37	28	13	0
1977	126	82	72	64	47	2	0	0	0	0
1978	245	233	153	136	117	77	45	33	6	0
1979	193	142	105	94	72	45	30	23	6	0
1980	291	165	112	103	83	63	43	24	3	0
1981	239	150	139	127	73	23	16	10	2	0
1982	302	274	247	204	169	91	72	57	12	0
MEAN	255.1	183.9	145.0	129.6	100.2	55.5	39.1	29.5	9.5	0.1
S.D.	60.3	60.6	50.0	42.9	37.2	25.9	20.9	17.0	7.6	0.3

Table B.3.4d.--Annual minimum runoff volumes in inches for 11 durations at Reynolds Mountain East (Reynolds, Idaho Site 166076).

YEAR*	1 DAY	3 DAY	7 DAY	15 DAY	30 DAY	60 DAY	90 DAY	120 DAY	183 DAY	274 DAY	PERIOD
1963	8.0900E-04	2.7370E-03	7.2130E-03	1.7305E-02	4.8324E-02	1.3828E-01	2.4610E-01	4.4874E-01	1.1007E+00	1.7535E+00	9.327
1964	2.2830E-04	7.6120E-03	1.9687E-02	4.3925E-02	1.0947E-01	2.5521E-01	4.0325E-01	5.8761E-01	2.5172E+00	8.3001E+00	26.941
1965	1.9520E-04	5.8560E-03	1.3664E-02	3.0611E-02	9.4439E-02	3.0064E-01	4.6987E-01	7.1275E-01	1.1217E+00	2.5196E+00	28.908
1966	7.8700E-04	2.4270E-03	5.6630E-03	1.2829E-02	2.9649E-02	7.0670E-02	1.2414E-01	2.0445E-01	5.1805E-01	1.0221E+00	9.314
1967	9.8100E-04	4.8280E-03	1.1620E-02	3.1289E-02	1.5595E-01	2.6640E-01	4.1369E-01	7.1042E-01	2.9292E+00	22.363	
1968	6.1800E-04	7.1800E-03	2.4850E-03	8.1350E-03	3.2495E-03	6.9656E-02	1.7450E-01	2.5393E-01	6.9019E-01	1.2516E+00	5.665
1969	6.1800E-04	1.9750E-03	4.8830E-03	3.2192E-03	3.0404E-02	7.6132E-02	0.4381E-01	2.1269E-01	4.0533E-01	1.3661E+00	22.331
1970	6.0100E-04	2.0220E-03	5.2350E-03	1.3847E-03	3.7052E-02	1.0547E-01	2.0763E-01	3.9975E-01	1.3723E-01	4.9410E+00	23.495
1971	1.7330E-03	5.5640E-03	1.4270E-02	3.2234E-02	9.9620E-02	2.0811E-01	4.9944E-01	7.4565E-01	1.1902E+00	4.5722E+00	30.271
1972	2.6990E-03	8.4710E-03	2.0254E-02	4.8667E-02	1.0391E-01	2.6711E-01	4.8333E-01	7.1225E-01	1.4102E+00	2.8734E+00	31.275
1973	1.8000E-04	1.2010E-03	4.5060E-03	1.7410E-02	2.7456E-02	6.6220E-02	1.2478E-01	2.4949E-01	3.9304E-01	7.5771E-01	1.3439E+00
1974	9.8800E-04	3.4440E-03	9.1570E-03	2.0191E-02	4.4489E-02	1.1008E-01	2.2505E-01	4.2478E-01	7.4672E-01	1.9496E+00	25.937
1975	1.0000E-03	6.2800E-03	4.9380E-03	9.8875E-02	2.9992E-02	7.6508E-01	9.6572E-01	1.9819E-01	4.8070E+00	1.0239E+00	2.910
1976	6.1500E-04	9.9800E-03	5.5070E-03	1.9560E-02	5.3813E-02	1.2009E-01	2.1678E-01	3.4732E-01	6.8234E-01	1.3407E+00	20.887
1977	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	9.3400E-03	5.7445E-02	4.8795E-01	1.59712E+00	5.762	
1978	3.3500E-04	1.0700E-03	3.1200E-03	8.3191E-02	1.3171E-01	2.4718E-01	3.71325E-01	7.0246E-01	1.59906E+00	21.524	
1979	4.9000E-04	1.7500E-03	4.4880E-03	1.3976E-02	5.2795E-02	1.4401E-01	2.2642E-01	4.4482E-01	7.94327E-01	1.56185E+00	15.411
1980	1.5320E-04	3.4780E-03	4.2552E-02	3.0604E-02	6.7083E-02	2.0714E-01	3.48035E-01	4.81055E-01	9.3988E-01	2.33163E+00	19.279
1981	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	1.1310E-03	4.3365E-02	1.6080E-01	7.5195E-01	3.51828E+00	12.992
MEAN	1.03658E-03	3.43789E-03	8.71532E-03	2.14840E-02	5.32135E-02	1.46237E-01	2.67911E-01	4.32869E-01	9.98289E-01	2.74791E+00	19.694
S.D.	8.90144E-04	2.76810E-03	6.65749E-03	1.45651E-02	3.22738E-02	6.94396E-02	1.56404E-01	2.28704E-01	5.30410E-01	1.81753E+00	8.302

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.4e.--Annual maximum runs (consecutive days) below 10 thresholds at Reynolds Mtn. East (Reynolds, Idaho Site 166076).
Thresholds are in cubic feet per second.

YEAR*	0.01	0.02	0.03	0.05	0.10	0.40	0.70	1.00	1.50	3.00
1963	19	86	122	129	136	319	328	329	331	365
1964	1	27	30	84	164	177	186	195	198	266
1965	13	23	52	117	119	278	287	292	300	365
1966	82	120	130	158	293	313	324	326	365	365
1967	10	46	90	214	225	240	283	288	295	312
1968	30	74	80	125	152	335	365	365	365	365
1969	62	148	188	197	204	289	293	294	311	365
1970	29	53	110	120	126	148	166	222	301	309
1971	8	48	67	126	232	247	278	294	306	322
1972	0	21	46	73	159	273	282	287	294	365
1973	45	63	65	135	210	307	311	319	322	365
1974	48	62	96	103	262	277	281	287	298	365
1975	0	33	42	88	109	262	278	283	298	297
1976	28	117	135	211	275	288	293	307	315	321
1977	117	153	156	159	181	242	241	363	365	365
1978	20	41	87	237	267	289	294	310	313	365
1979	32	54	67	85	201	295	305	308	311	365
1980	7	39	40	102	174	286	301	305	327	365
1981	84	93	136	143	154	211	213	236	341	365
MEAN	33.4	68.5	91.5	136.5	191.7	267.2	285.7	295.3	312.9	345.9
S.D.	32.6	40.7	43.9	47.3	55.7	47.7	50.7	42.2	37.0	30.9

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.3.4f.--Annual number of days the flow was below 10 thresholds at Reynolds Mountain East (Reynolds, Idaho Site 166076).
Thresholds are in cubic feet per second.

YEAR*	0.01	0.02	0.03	0.05	0.10	0.40	0.70	1.00	1.50	3.00
1963	31	97	234	253	281	340	354	356	362	365
1964	2	66	104	156	193	296	315	331	343	364
1965	13	34	160	235	259	296	305	313	326	365
1966	100	208	248	280	293	330	353	360	365	365
1967	31	164	212	247	274	312	323	330	339	363
1968	87	151	239	278	293	361	365	365	365	365
1969	112	180	232	259	269	299	310	330	349	365
1970	53	98	124	173	238	310	327	331	346	361
1971	22	50	142	210	232	284	315	327	342	355
1972	0	41	155	229	258	281	308	317	327	365
1973	59	111	174	241	277	328	339	347	354	365
1974	50	99	222	250	262	293	303	319	339	365
1975	0	37	73	212	278	301	317	325	334	356
1976	52	177	238	262	279	300	328	337	346	362
1977	122	156	165	268	299	367	361	363	365	365
1978	36	166	216	259	267	294	324	334	344	365
1979	56	94	201	267	292	320	335	342	352	365
1980	24	94	200	225	273	302	322	341	348	365
1981	85	123	144	205	245	334	346	353	361	365
MEAN	49.2	112.9	183.3	237.3	266.4	312.5	328.9	337.9	347.7	363.5
S.D.	37.5	53.3	50.7	34.1	25.6	23.3	19.2	15.7	12.1	3.0

* Note: Year for minimum analysis is 4-01 of year indicated through 3-31 of next year.

Table B.4.1.--Annual maximum flows for selected durations at Reynolds Creek outlet (Reynolds, Idaho Site 036068).
Discharge is in cubic feet per second (average for duration period).

WATER YEAR	INSTANTANEOUS			1 HOUR			3 HOUR			6 HOUR			12 HOUR		
	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW
1963	1-21	1700	2331.45	1-31	1644	2133.06	1-31	1559	1721.30	1-31	1545	1364.44	1-31	1500	984.04
1964	1-25	2200	188.41	1-25	2100	186.30	1-25	2000	181.49	1-25	1700	175.99	1-25	1530	145.44
1965	12-23	30	3850.40	12-22	2345	3800.63	12-22	2329	3477.02	12-22	2244	2632.69	12-22	2045	1684.16
1966	4-1	2245	59.04	4-1	2145	58.30	4-1	2100	57.71	4-1	2030	55.81	4-1	1930	51.78
1967	6-7	1630	264.61	6-7	1600	249.77	6-7	1550	229.37	1-21	1700	215.11	1-21	1440	176.20
1968	2-21	1500	327.16	2-21	1430	323.28	2-21	1345	287.60	2-21	1300	244.68	2-21	929	198.39
1969	1-21	200	899.76	1-21	136	878.28	1-21	119	847.46	1-21	49	845.94	1-21	0	799.11
1970	1-27	415	729.05	1-27	349	713.47	1-27	240	658.88	1-27	134	593.91	1-27	40	473.92
1971	1-18	515	540.42	1-18	515	540.44	1-18	500	530.38	1-18	340	514.28	1-17	2130	479.84
1972	3-2	1800	677.84	3-3	1730	669.73	3-3	1659	649.81	3-3	1600	614.80	3-3	1529	569.87
1973	4-17	816	165.72	4-17	708	164.24	4-17	629	162.23	4-17	501	155.72	4-17	139	143.37
1974	3-29	2236	291.10	3-15	1849	282.55	3-15	1849	275.84	3-15	1744	265.42	3-17	1419	243.65
1975	3-25	946	281.17	3-25	1000	271.17	3-25	883	264.85	2-28	1200	254.12	6-2	215	237.37
1976	4-5	1929	440.47	4-6	1724	396.72	4-6	1647	184.56	4-6	1800	124.16	5-14	1734	110.40
1977	6-1	1724	1119.46	6-1	1715	449.79	6-11	1707	231.02	6-11	1704	126.52	6-11	1101	71.25
1978	4-26	645	588.84	4-26	628	570.95	4-26	615	543.37	4-26	600	489.69	4-26	520	385.23
1979	1-11	1416	1662.89	1-11	1351	1607.23	1-11	1259	1395.90	1-11	1200	1056.30	1-11	1137	750.65
1980	5-6	1545	259.25	5-7	1515	218.03	5-7	1500	180.67	5-7	1459	139.98	5-7	1452	109.99
1981	4-20	833	251.35	4-20	753	250.63	4-20	650	244.72	4-20	610	231.19	4-20	501	185.09
1982	2-15	145	2082.42	2-15	120	1886.02	2-15	19	1629.85	2-16	104	1319.03	2-15	2249	1118.31
MEAN		835.54			769.13				684.15			570.09			445.15
S.D.		963.83			928.01				825.45			628.03			429.77

Table B.4.1. Continued

WATER YEAR	1 DAY			2 DAY			3 DAY			5 DAY			8 DAY		
	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW
1963	1-31	1500	698.02	1-31	1445	431.44	1-31	1445	312.17	1-31	1429	214.57	1-31	1429	144.27
1964	4-1	1800	124.68	3-31	1900	106.59	3-31	1500	94.15	5-17	1659	81.49	5-15	1330	75.84
1965	12-22	2045	1117.98	12-22	1044	869.68	1-28	630	737.50	1-28	200	552.15	1-28	0	398.44
1966	4-1	1800	44.34	3-31	1645	40.73	3-30	1900	39.35	3-29	1800	35.90	3-28	2044	31.94
1967	6-5	2230	132.54	6-6	304	128.38	6-6	0	120.90	6-5	2113	110.58	6-5	2028	100.25
1968	2-21	730	137.69	2-20	104	107.85	2-21	745	99.43	2-19	1815	86.92	2-18	1829	65.42
1969	1-20	2056	677.37	1-20	1100	499.80	1-19	1559	385.42	1-19	1445	224.56	1-19	1256	156.55
1970	1-26	2130	329.42	1-26	1835	215.06	1-26	1200	108.26	1-26	1059	151.14	1-21	0	145.45
1971	1-17	1704	442.96	1-17	1330	312.20	1-17	500	332.38	1-16	2100	256.18	1-16	1530	191.82
1972	3-4	300	512.93	3-3	29	113.96	3-3	29	334.87	2-27	2115	295.08	2-27	1945	252.44
1973	4-17	0	126.08	4-16	1758	101.25	4-16	2042	90.04	4-13	2038	90.20	4-13	2022	80.12
1974	3-17	408	225.31	3-16	1604	210.55	3-15	1244	208.59	3-14	1505	188.87	3-14	1237	157.05
1975	2-28	332	200.04	5-14	1059	177.05	5-14	0	171.00	5-13	1945	159.97	5-10	1845	148.18
1976	5-14	1734	103.72	5-13	1764	99.76	5-13	1754	97.00	5-12	0	93.77	5-10	1200	90.16
1977	6-11	1051	39.37	6-11	1034	21.93	6-11	734	15.83	6-8	1025	11.08	6-6	0	8.34
1978	4-26	600	302.77	4-26	520	279.78	4-26	445	247.83	4-26	406	201.83	4-26	406	163.63
1979	1-11	0	506.70	1-10	1919	313.92	1-10	1917	215.01	1-10	1911	133.20	1-10	1834	86.16
1980	4-24	2153	86.95	1-12	1448	75.93	5-31	1953	70.33	5-31	1953	68.71	5-31	1309	65.35
1981	4-20	408	135.42	4-20	346	113.44	4-20	346	99.31	4-20	315	84.28	4-20	243	74.10
1982	2-15	2200	873.63	2-14	1049	792.21	2-14	909	697.22	2-14	329	506.88	2-14	909	479.68
MEAN		341.06			268.52				226.78			179.72			147.51
S.D.		303.56			236.88				198.14			142.72			116.90

Table B.4.2.--Annual maximum flows for selected durations at Macks Creek (Reynolds, Idaho Site 046084).
Discharge is in cubic feet per second (average for duration period).

WATER YEAR	INSTANTANEOUS			1 HOUR			3 HOUR			6 HOUR			12 HOUR		
	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW
1964	3-31	2200	166.28	4- 2	1600	143.38	4- 2	1359	143.38	4- 2	1059	143.38	4- 2	459	138.25
1965	1-28	2030	885.31	1-28	2015	836.00	1-28	2000	732.88	1-29	1644	691.63	1-29	1615	673.90
1966	3-13	1800	11.83	3-13	1715	11.42	3-13	1645	11.24	3-13	1600	10.42	3-13	1200	8.71
1967	1-21	1806	89.78	1-21	1740	83.13	1-21	1625	75.69	1-21	1630	72.40	1-21	1423	62.94
1968	2-21	1426	43.59	2-21	1425	41.61	2-21	1350	40.02	2-21	1236	34.44	2-21	925	26.59
1969	1-21	1500	306.71	1-20	2345	289.75	1-27	2310	207.44	1-20	2300	204.10	1-20	2155	187.91
1970	1-27	356	240.84	1-27	322	233.13	1-27	215	207.44	1-27	34	166.25	1-26	206	115.75
1971	1-18	430	282.23	1-18	342	261.76	1-18	322	238.86	1-18	322	214.08	1-18	306	174.48
1972	3- 2	400	143.21	3- 3	340	140.04	3- 3	1600	129.17	3- 3	1330	116.33	3- 3	1204	98.85
1973	4-16	2329	54.29	4-16	2312	51.16	4-16	2742	46.73	4-16	2224	42.81	4-16	1717	40.52
1974	3-14	1626	71.36	3-14	1541	68.18	3-14	1541	65.29	3-14	1444	59.84	3-15	1200	52.44
1975	2-28	436	141.93	2-28	412	138.79	2-28	258	125.22	2-28	236	113.03	2-28	222	97.81
1976	12- 6	1514	34.90	12- 5	1439	34.15	12- 6	1406	31.10	12- 6	1156	28.22	12- 6	817	25.19
1977	6-11	1138	19.05	6-11	1730	11.27	6-11	1651	6.16	6-11	1617	3.83	6-11	1035	3.38
1978	4-21	718	86.05	4-26	644	83.84	4-26	542	75.68	4-26	525	65.80	4-27	313	49.61
1979	1-11	1248	300.11	1-11	1148	287.78	1-11	1118	261.72	1-11	1045	197.90	1-11	1027	149.22
1980	1-12	1634	37.48	1-12	1518	35.20	1-12	1506	33.72	1-12	1437	28.19	1-12	1353	21.14
1981	2-14	709	46.58	2-14	631	45.68	4-20	637	43.23	4-20	546	39.45	4-20	424	29.79
1982	2-15	44	263.41	2-15	17	246.23	2-14	2356	208.17	2-14	2322	164.02	2-14	1525	135.58
MEAN			169.68			160.34			143.59			128.11			110.40
S.D.			200.88			189.99			166.35			154.73			148.45

Table B.4.2. Continued

WATER YEAR	1 DAY			2 DAY			3 DAY			5 DAY			8 DAY		
	DATE	TIME	FLOW												
1964	4- 1	2200	130.35	4- 1	0	101.03	3-31	1229	80.98	3-30	1600	53.65	3-31	1730	36.46
1965	1-29	1559	659.92	1-28	1729	634.47	1-28	829	617.17	1-28	0	489.60	1-27	2315	316.14
1966	3-13	745	6.91	3-13	600	5.13	3-13	430	4.41	3-13	1940	3.64	3- 9	915	3.12
1967	1-21	1533	404.56	1-20	542	288.86	1-20	1100	17.40	1-27	1100	13.59	1-21	1412	11.87
1968	2-21	680	18.01	2-20	0	13.51	2-21	803	12.18	2-18	1549	10.84	2-18	1434	8.62
1969	1-20	1157	150.59	1-20	207	107.42	1-19	1048	82.74	1-19	1246	56.41	1-19	1249	39.97
1970	1-26	1915	75.78	1-26	1757	45.42	1-26	1555	33.40	1-22	926	27.56	1-21	202	26.20
1971	1-17	1611	143.85	1-17	111	104.18	1-17	111	84.58	1-16	1518	60.46	1-16	1344	41.85
1972	3- 3	120	93.26	3- 3	19	72.00	3- 3	0	58.75	2-28	329	48.19	2-27	2100	41.99
1973	4-16	1425	34.42	4-15	1639	26.37	4-14	1138	24.58	4-13	1945	23.41	4-13	1945	20.19
1974	3-17	0	46.88	3-14	1306	43.74	3-14	1444	43.58	3-14	1221	40.24	3-12	1302	33.69
1975	2-28	57	77.48	2-28	57	51.73	2-27	2006	41.76	2-27	1740	30.73	2-27	1624	22.71
1976	4- 9	1245	20.29	4- 8	1852	18.73	4- 8	1600	17.75	4- 8	1324	16.27	4- 6	1552	15.04
1977	6-11	1035	2.06	6-11	1035	1.32	4- 4	2042	1.16	3- 6	0	1.02	3- 4	1241	0.94
1978	4-27	137	43.48	4-26	451	40.26	4-26	419	34.95	4-26	413	27.83	4-26	401	21.58
1979	1-10	2149	106.01	1-10	1753	64.13	1-10	1753	43.40	1-10	1740	26.63	1-10	1736	17.00
1980	1-12	1234	14.38	1-12	1330	13.06	1-12	1234	11.33	1-12	1234	9.37	1-11	2307	7.11
1981	4-20	424	20.39	4-20	347	19.21	4-20	257	15.91	4-20	257	12.31	4-20	145	9.81
1982	2-14	631	127.19	2-14	847	114.76	2-14	406	98.15	2-14	337	74.44	2-14	406	68.11
MEAN			95.37			78.94			69.69			54.01			39.07
S.D.			145.15			139.39			135.79			107.51			69.17

Table B.4.3.--Annual maximum flows for selected durations at Tollgate (Reynolds, Idaho Site 116083).
Discharge is in cubic feet per second (average for duration period).

WATER YEAR	INSTANTANEOUS			1 HOUR			3 HOUR			6 HOUR			12 HOUR		
	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW
1966	4- 1	1845	59.03	4- 1	1845	58.69	4- 1	1730	57.15	4- 1	1630	55.25	4- 1	1545	49.81
1967	6- 7	1358	288.07	6- 7	1343	265.59	6- 7	1337	225.80	6- 7	1330	186.13	6- 7	1319	147.56
1968	2-21	1252	185.76	2-21	1219	181.66	2-21	1059	155.59	2-21	929	130.10	2-21	741	114.07
1969	1-21	442	404.91	1-21	330	390.54	1-21	330	375.31	1-21	236	354.83	1-20	2327	319.89
1970	1-27	414	240.06	1-27	344	226.75	1-27	303	216.55	1-27	51	195.19	1-25	2327	163.91
1971	1-18	638	195.19	1-18	504	195.43	1-18	504	192.95	1-18	353	187.01	1-18	318	172.30
1972	3- 2	1742	270.79	3- 3	1742	257.99	3- 3	1740	267.90	3- 3	1630	261.57	3- 3	1525	236.86
1973	4-17	38	146.49	4-17	0	140.10	4-16	2323	131.85	4-16	2224	120.71	4-16	2004	101.30
1974	3-29	2118	194.68	3-29	2025	187.22	3-29	2025	184.09	3-29	1931	169.14	3-29	1758	141.98
1975	6- 2	1554	231.49	6- 2	1531	225.38	6- 2	1813	212.46	6- 2	1521	211.97	6- 2	1447	196.74
1976	5-10	1905	129.70	5-11	1937	129.71	5-11	1738	127.77	5-11	1730	126.24	5-11	1439	122.28
1977	4- 8	1842	16.99	4- 8	1842	16.30	4- 8	1744	16.26	4- 8	1628	15.27	4- 8	1534	13.26
1978	4-26	357	229.80	4-26	357	226.39	4-26	320	214.45	4-26	215	197.40	4-26	140	165.56
1979	1-11	1203	120.70	1-11	1144	114.65	1-11	1117	108.37	1-11	1040	93.09	5-16	1312	87.90
1980	4-23	2000	163.33	4-24	1943	159.41	4-24	1929	154.92	4-24	1914	141.89	4-24	1914	105.05
1981	2-16	1935	168.76	2-16	1852	157.14	4-20	624	144.68	4-20	331	143.16	4-20	228	123.29
1982	12-19	2140	427.45	12-19	2122	423.67	12-19	2053	408.67	12-19	1930	367.93	12-19	1809	282.25
MEAN			204.36			197.74			186.45			172.46			149.82
S.D.			105.97			103.44			99.95			92.81			77.84

Table B.4.3. Continued

WATER YEAR	1 DAY			2 DAY			3 DAY			5 DAY			8 DAY		
	DATE	TIME	FLOW												
1966	4- 1	1500	41.53	5- 5	1345	40.03	5- 4	1500	38.89	5- 4	1630	37.02	5- 2	1715	35.48
1967	6- 7	1319	121.22	5-22	0	117.92	5-23	1945	114.26	5-19	1245	109.70	5-17	1313	108.40
1968	2-21	1449	79.40	2-20	0	61.16	2-21	600	62.54	2-19	1750	53.61	2-19	1249	41.63
1969	1-20	1922	256.87	1-20	1056	173.06	1-19	1907	137.29	5-10	1415	103.19	5- 8	1555	99.44
1970	1-26	2144	119.44	5-17	1604	108.26	5-17	1428	105.73	5-22	1455	103.80	5-17	1604	102.57
1971	1-18	126	156.15	1-18	126	143.21	5- 6	1831	137.81	5- 4	1513	135.11	5- 4	1513	132.92
1972	2-28	511	193.57	2-27	1922	146.69	3- 3	329	123.80	2-28	252	127.37	2-28	252	114.03
1973	4-18	1823	85.30	4-16	1624	67.50	4-16	1624	58.41	5- 5	1517	55.03	5- 7	1345	54.52
1974	3-29	1624	115.24	5- 7	1420	105.35	5- 7	1253	102.18	5- 5	1515	97.83	5- 4	1447	92.46
1975	6- 2	1359	173.48	5-14	1354	162.03	5-14	1245	158.68	5-14	1358	153.65	5-12	1415	139.85
1976	5-11	1309	114.40	5-10	1620	108.56	5-10	1237	104.87	5- 9	1600	102.98	5- 8	1513	102.29
1977	5- 9	1847	11.64	5- 9	1601	11.13	5- 9	1610	11.13	5- 9	1601	10.58	5- 8	1237	9.86
1978	4-26	240	141.46	4-26	213	127.46	4-26	146	110.33	4-26	102	107.94	4-26	0	99.90
1979	5-15	1312	83.53	5-16	1128	81.79	5-16	1312	80.42	5-15	1325	78.90	5-15	1709	77.27
1980	4-24	1914	102.39	4-24	1534	97.74	4-23	1359	89.23	4-24	1855	85.93	4-23	1359	85.43
1981	4-20	135	100.49	4-19	1932	87.68	4-19	1758	79.41	4-19	1758	72.80	4-19	1630	67.65
1982	12-19	1510	200.79	2-20	1057	154.67	2-19	759	152.75	2-19	443	131.74	2-14	2335	130.49
MEAN			123.37			105.22			98.57			92.26			87.78
S.D.			60.18			44.45			40.21			37.56			36.17

Table B.4.4.--Annual maximum flows for selected durations at Reynolds Mountain East (Reynolds, Idaho Site 166076).
Discharge is in cubic feet per second (average for period).

WATER YEAR	INSTANTANEOUS			1 HOUR			3 HOUR			6 HOUR			12 HOUR		
	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW	DATE	TIME	FLOW
1963	4-29	1500	4.16	4-29	1500	3.96	4-29	1359	3.74	4-29	1300	3.35	4-29	1200	2.59
1964	5-16	1600	3.60	5-17	1600	3.52	5-17	1500	3.52	5-17	1359	3.39	5-17	1200	2.97
1965	12-23	215	10.70	12-23	200	9.21	12-23	200	8.63	12-23	59	8.29	12-22	2329	6.64
1966	5- 5	1900	1.43	5- 5	1900	1.41	5- 5	1600	1.41	5- 5	1600	1.37	5- 5	1200	1.28
1967	5-22	1604	5.44	5-22	1354	5.20	5-22	1354	5.17	5-22	1304	4.95	5-22	1109	4.22
1968	8-10	2100	1.48	8-11	2040	0.88	8-11	1320	0.82	8-23	1320	0.80	2-23	1200	0.78
1969	5-12	1650	3.88	5-12	1550	3.71	5-17	1550	3.52	5-10	1435	3.34	5-10	1200	3.17
1970	5-17	1700	5.89	5-17	1515	5.48	5-17	1515	5.40	5-17	1424	5.04	5-17	1154	4.15
1971	5- 4	1655	5.77	5- 4	1359	5.57	5- 4	1359	5.47	5- 7	1250	5.20	5- 7	1200	4.55
1972	5- 6	2000	6.26	5- 7	1930	4.92	5- 7	1600	3.99	5- 7	1500	3.76	5-18	1200	3.38
1973	5- 8	1600	3.31	5- 8	1620	3.30	5- 8	1424	4.25	5- 8	1250	3.01	5- 8	1200	2.65
1974	5- 7	1610	4.33	5- 8	1500	4.25	5- 8	1424	4.13	5- 8	1354	3.94	5- 8	1200	3.52
1975	6- 2	1400	9.27	6- 2	1350	8.02	6- 2	1339	6.85	6- 2	1339	6.74	6- 2	1200	5.82
1976	5-13	1650	4.59	5-14	1650	4.41	5-14	1605	4.41	5-14	1430	4.29	5-14	1200	3.91
1977	4-16	1755	0.93	4-16	1754	0.88	4-16	1645	0.87	4-16	1535	0.81	4- 8	1509	0.63
1978	5-14	1545	4.50	5-14	1545	4.46	5-16	1500	4.42	5-14	1330	4.24	5-14	1144	3.78
1979	5-15	1535	3.52	5-15	1535	3.38	5-15	1359	3.33	5-15	1309	3.16	5-15	1130	2.72
1980	4-22	1530	3.69	4-23	1430	3.48	4-23	1354	3.38	4-23	1314	3.10	5- 2	1154	2.64
1981	4-20	245	4.54	4-20	220	4.38	4-20	139	3.88	4-20	145	3.48	4-19	2200	3.12
1982	5-22	1700	3.54	5-22	1659	3.50	5-22	1539	3.50	5-22	1409	3.43	5-22	1229	3.18
MEAN			4.54			4.19			3.98			3.78			3.28
S.0.			2.35			2.02			1.84			1.78			1.46

Table B.4.4. Continued

WATER YEAR	1 DAY			2 DAY			3 DAY			5 DAY			8 DAY		
	DATE	TIME	FLOW												
1963	4-29	1200	1.83	4-29	1200	1.75	4-29	1130	1.55	4-29	1200	1.41	4-29	1130	1.40
1964	5-20	1059	2.69	5-19	1359	2.66	5-19	1300	3.59	5-17	1300	2.41	5-16	1300	2.24
1965	12-22	2100	4.88	12-22	2000	3.92	12-22	1514	3.03	4-19	759	2.46	4-19	759	2.35
1966	5- 5	1359	1.15	5- 6	1200	1.13	5- 4	1200	1.10	5- 2	1200	1.05	5- 2	1200	1.03
1967	5-22	1354	3.42	5-22	1354	3.37	5-22	1334	3.00	5-21	1309	2.96	5-17	1345	2.75
1968	2-23	840	0.70	2-23	300	0.51	5-11	1339	0.45	4-11	1200	0.41	4-28	1555	0.37
1969	5- 13	1139	2.80	5-12	1650	2.73	5-12	1439	2.66	5-10	1200	2.60	5- 8	1200	2.49
1970	5-26	820	3.44	5-25	824	3.37	5-24	1229	3.29	5-22	1209	3.20	5- 8	1350	3.02
1971	5- 7	900	3.77	5- 6	1605	3.69	5- 6	1730	3.61	5- 7	900	3.59	5- 4	1409	3.53
1972	5-16	1215	2.97	5-16	1215	2.96	5-15	1500	2.94	5-14	1300	2.79	5-14	1300	2.63
1973	5- 8	1250	2.17	5- 7	1614	2.05	5- 6	1500	1.93	5- 5	1454	1.85	5- 5	1529	1.74
1974	5- 8	1150	2.99	5- 7	1144	2.90	5- 7	1059	2.80	5- 5	1229	2.57	5- 4	1314	2.39
1975	6- 2	1109	4.70	6- 1	1520	4.25	6- 1	1415	4.05	6- 1	1520	3.94	5-30	1359	3.78
1976	5-14	1205	3.37	5-14	1035	3.10	5-13	1150	2.96	5-11	1050	2.94	5-10	1515	2.82
1977	4- 8	1200	0.48	4- 7	1454	0.41	4- 7	0	0.34	4- 7	2150	0.29	4-15	1809	0.29
1978	5-14	1030	3.19	5-13	1245	2.85	5-13	1115	2.62	5-10	1300	2.35	5- 9	1200	2.24
1979	5-16	1109	2.22	5-15	1130	2.19	5-15	1200	2.15	5-15	1130	2.10	5-15	1059	2.04
1980	4-24	1730	2.20	5- 2	1154	2.10	5- 2	1154	2.07	5- 2	1154	2.02	4-29	1059	1.95
1981	4-19	1200	2.90	4-18	1824	2.42	4-18	1600	2.07	4-18	2105	1.84	4-18	1529	1.68
1982	5-22	1229	2.72	5-21	1130	2.65	5-21	1130	2.60	5-21	1209	2.59	5-19	1300	2.45
MEAN			2.73			2.55			2.40			2.27			2.16
S.0.			1.14			1.03			0.97			0.95			0.91

Table B.5.1.--Partial duration series at Reynolds Creek Outlet (Reynolds, Idaho Site 036068). Base is 300 cfs.

WATER YEAR	DATE	FLOW (cfs)
1963	1-31-63	2331.45
1963	2- 1-63	443.83
1963	4- 6-63	313.29
1965	12-23-64	3850.40
1965	12-24-64	1664.19
1965	1-24-65	331.88
1965	1-28-65	1113.44
1965	5-23-65	352.94
1965	8- 3-65	363.00
1965	8- 3-65	366.40
1965	8-20-65	520.44
1965	8-22-65	325.60
1968	2-21-68	327.16
1969	1-21-69	899.76
1969	6-19-69	301.31
1970	1-27-70	729.05
1971	1-18-71	540.42
1971	3-12-71	314.80
1971	3-23-71	368.11
1972	1-18-72	589.14
1972	1-22-72	521.80
1972	2-29-72	481.24
1972	3- 2-72	677.84
1977	6-11-77	1119.46
1978	4-26-78	588.84
1979	1-11-79	1662.89
1982	12-20-81	542.18
1982	2-15-82	2082.42
1982	2-19-82	597.07
1982	4-11-82	861.78

Table B.5.2.--Partial duration series at Macks Creek (Reynolds, Idaho Site 046084). Base is 70 cfs.

WATER YEAR	DATE	FLOW (cfs)
1964	3-31-64	166.28
1965	1-23-65	73.82
1965	1-28-65	885.31
1965	8-22-65	76.34
1965	8-23-65	85.14
1967	1-21-67	89.78
1969	1-21-69	306.71
1970	1-22-70	78.91
1970	1-27-70	240.84
1971	1-18-71	281.23
1971	3-23-71	133.14
1972	1-18-72	102.64
1972	1-22-72	96.56
1972	3- 2-72	143.21
1972	6- 9-72	78.05
1974	3-14-74	71.36
1975	2-13-75	73.82
1975	2-28-75	141.93
1975	3-25-75	115.54
1978	4-26-78	86.05
1979	1-11-79	300.11
1979	3- 6-79	70.55
1982	12-20-81	83.33
1982	2-15-82	263.41
1982	2-19-82	104.72
1982	4-11-82	138.11

Table B.5.3.--Partial duration series at Tollgate (Reynolds, Idaho Site 116083). Base is 150 cfs.

WATER YEAR	DATE	FLOW (cfs)
1967	6- 7-67	288.07
1968	2-21-68	185.76
1969	1-21-69	404.91
1970	1-27-70	240.06
1971	1-18-71	196.19
1971	3-26-71	160.66
1971	5- 6-71	193.17
1972	1-22-72	191.67
1972	3- 2-72	270.79
1974	3-29-74	194.68
1975	6- 2-75	231.49
1978	4-26-78	229.80
1980	4-23-80	163.33
1981	2-16-81	168.76
1982	12-19-81	427.45
1982	2-16-82	214.96
1982	4-11-82	397.58

Table B.5.4.--Partial duration series at Reynolds Mountain East (Reynolds, Idaho Site 166076). Base is 3.50 cfs.

WATER YEAR	DATE	FLOW (cfs)
1963	4-29-63	4.16
1964	5-16-64	3.60
1965	12-23-64	10.70
1965	5-22-65	4.33
1967	5-22-67	5.44
1969	5-12-69	3.68
1970	5-17-70	5.89
1971	5- 4-71	5.77
1972	6- 6-72	6.26
1974	5- 7-74	4.33
1974	6- 5-74	4.27
1975	6- 2-75	9.27
1976	5-13-76	4.59
1978	5-14-78	4.50
1979	5-15-79	3.52
1980	4-22-80	3.69
1981	4-20-81	4.54
1982	5-22-82	3.54

Section C

EROSION AND SEDIMENT

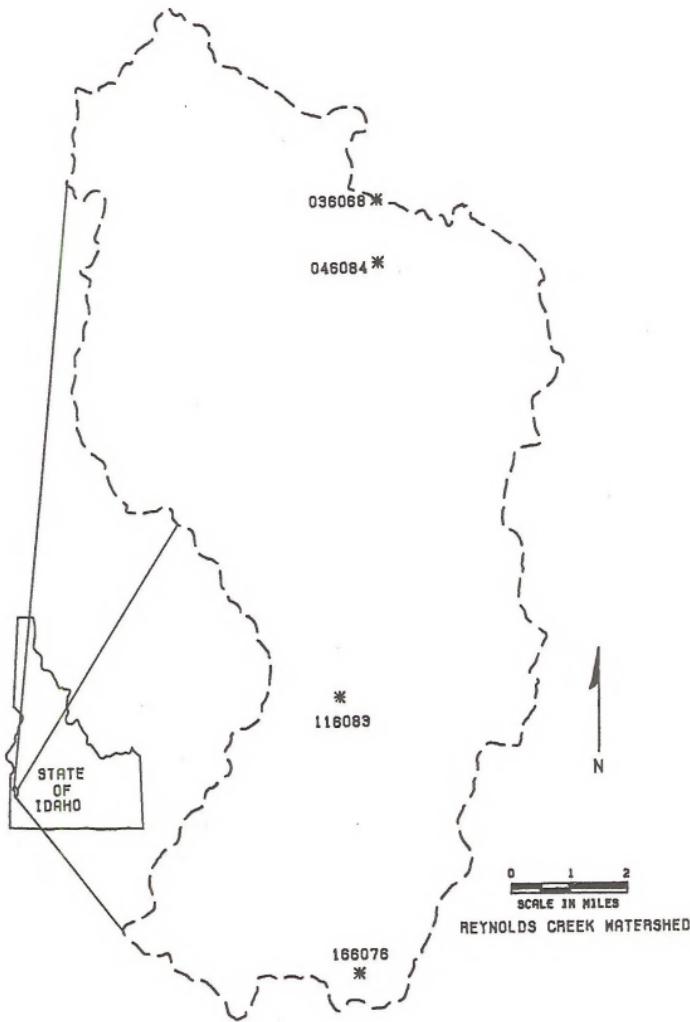


Figure C.1.--Sediment sites.

Table C.1.—Monthly suspended sediment in tons at Reynolds Creek outlet (Reynolds, Idaho Site 036068).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1967	--	--	--	4689.53	4334.05	--	--	4695.49	4082.01	--	--	--	13467.02
1968	--	--	--	4334.45	--	--	--	--	--	--	--	--	4334.05
1969	--	--	--	37734.87	--	314.06	986.24	--	302.39	--	--	--	39337.56
1970	--	--	--	14826.96	--	127.30	--	415.67	--	--	--	--	15369.93
1971	--	396.24	70.15	21949.27	--	6120.71	145.93	428.77	--	--	--	--	29111.06
1972	--	--	10341.42	9414.53	16519.00	--	--	1124.19	--	--	--	--	37399.16
1973	--	--	114.56	--	--	2421.91	--	--	--	--	--	--	2538.47
1974	--	--	--	1486.23	--	140.98	--	58.68	--	--	--	--	5166.72
1975	--	--	--	87.52	2014.64	953.09	4352.86	2016.51	201.39	--	--	--	9856.77
1976	109.94	--	174.32	211.75	247.45	293.94	866.26	1003.78	--	--	--	--	2805.44
1977	0.95	1.83	2.40	3.15	2.83	2.88	2.37	5.98	3233.28	0.56	0.29	--	--
1978	0.17	1.05	268.73	12.78	66.41	970.38	6880.21	409.38	54.75	9.89	2.21	0.47	8256.45
1979	0.62	2.24	7.44	5899.45	2834.55	2312.74	62.66	529.24	21.56	1.75	0.75	0.92	1167.31
1980	1.84	2.38	6.95	828.83	460.96	65.42	106.35	1910.11	239.63	7.33	5.62	423.10	1866.52
1981	5.13	15.24	62.07	29.90	55.95	1019.38	24.33	0.38	2.85	3.71	9.34	32317.71	3.78
1982	0.68	3.09	3194.30	93.37	23088.96	606.50	4544.94	587.43	325.26	65.40	3.79	3.78	32317.71

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

Table C.2.—Monthly suspended sediment in tons at Macks Creek (Reynolds, Idaho Site 046084).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1968	--	--	--	--	6148.63	--	81.63	90.15	--	--	--	--	381.29
1969	--	--	--	--	3430.40	--	119.52	--	--	--	--	--	6320.41
1970	--	--	19.97	23.88	4636.40	--	1138.53	--	--	--	--	--	3519.92
1971	--	--	22.26	129.31	1990.06	806.49	2184.31	4.93	--	281.72	--	--	5818.47
1972	--	--	--	86.36	90.34	--	970.42	--	--	--	--	--	5418.07
1973	--	--	--	496.44	--	717.52	--	--	--	--	--	--	1147.12
1974	--	--	--	34.21	1032.50	517.36	291.69	24.26	--	52.52	--	--	1213.96
1975	--	--	--	40.57	44.46	29.42	39.55	42.29	--	1.57	--	--	1952.53
1976	26.68	--	--	0.41	0.38	0.64	0.61	0.43	3.22	0.06	0.51	0.01	224.54
1977	0.25	0.14	0.01	3.09	2.59	19.49	161.11	351.27	15.17	0.89	0.29	0.04	7.19
1978	0.04	0.04	0.42	1005.45	177.61	437.68	8.12	7.41	0.32	0.06	0.02	0.01	553.98
1979	0.02	0.16	0.86	28.60	26.01	29.97	6.52	7.39	7.58	0.47	0.04	0.10	164.38
1980	0.02	4.05	18.37	6.88	59.35	5.13	45.60	0.01	0.00	0.27	0.43	1.76	143.03
1981	1.17	4.05	123.91	6.73	2212.77	76.35	247.12	11.94	0.89	0.64	0.16	0.13	2681.75

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

Table C.3.--Monthly suspended sediment in tons at Tolgate (Reynolds, Idaho Site 116083).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1967	--	--	--	221.63	--	23.04	--	5006.10	3867.36	--	--	--	9118.14
1968	--	--	--	1571.07	--	326.18	1581.32	1063.88	--	--	--	--	1571.07
1969	--	--	--	1498.19	--	19.81	50.32	4194.90	28.73	--	--	--	5791.95
1970	--	--	--	7403.65	--	989.47	1153.35	3625.03	--	--	--	--	7819.22
1971	--	--	42.51	2931.35	--	989.71	1881.13	3022.96	148.76	1153.32	--	--	--
1972	--	--	220.87	--	--	87.21	76.85	746.85	243.65	--	--	--	1071.68
1973	--	--	--	--	--	501.97	0.57	988.12	217.73	511.22	--	--	2230.09
1974	--	--	--	--	--	5.13	64.21	147.08	393.51	1690.08	33.29	--	5895.79
1975	--	--	--	94.73	--	--	10.14	632.24	1350.93	--	--	--	2290.46
1976	52.43	--	--	0.48	0.32	0.34	0.32	19.03	20.26	3.52	0.29	0.01	51.00
1977	0.37	0.07	4.70	101.53	0.34	8.67	520.11	125.64	368.63	21.76	3.88	0.39	2280.13
1978	0.23	0.23	0.66	1.87	115.07	248.38	452.00	115.83	668.36	35.76	1.28	0.72	1660.18
1979	0.71	0.37	0.45	68.47	111.95	18.41	1012.89	292.86	117.80	7.24	0.81	2.82	1604.79
1980	1.77	4.32	64.17	27.22	399.96	566.87	566.39	30.58	0.03	1.33	1.01	1.62	1140.71
1981	0.76	5.93	1860.85	36.82	1616.45	142.38	1542.24	841.30	225.39	5.47	2.82	6333.46	3.75

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

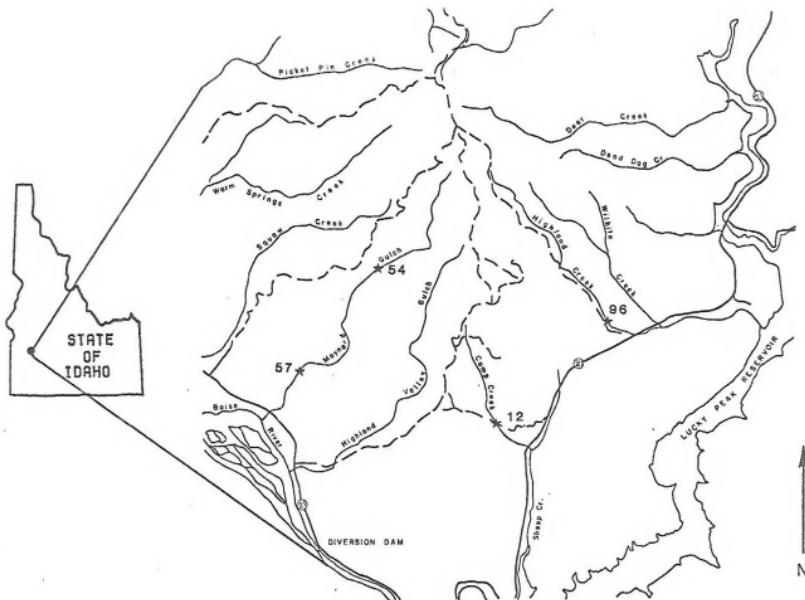
Table C.4.--Monthly suspended sediment in tons at Reynolds Mountain East Basin (Reynolds, Idaho Site 166076).

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YEAR
1969	--	--	--	--	--	--	--	1.97	8.56	0.61	--	--	11.13
1970	--	--	--	--	--	--	--	21.83	0.00	--	--	--	21.83
1971	--	0.41	--	--	0.24	--	0.45	0.22	2.30	--	--	--	3.16
1972	--	--	--	--	--	--	--	6.51	3.54	--	--	--	11.54
1973	--	--	--	--	--	--	--	2.34	4.53	--	--	--	6.87
1974	--	--	--	--	0.03	--	0.05	2.60	7.15	--	--	--	10.54
1975	--	--	--	--	--	--	--	--	4.44	0.05	--	--	8.54
1976	--	--	0.04	--	--	--	--	1.11	7.23	--	--	--	8.37
1977	0.00	0.00	0.00	0.00	0.00	0.01	0.42	0.13	0.02	0.00	0.00	0.00	0.59
1978	0.00	0.01	0.16	0.01	0.00	0.53	1.12	4.84	0.24	0.02	0.00	0.00	6.94
1979	0.00	0.01	0.00	0.00	0.00	0.02	1.02	4.58	0.19	0.01	0.03	0.00	5.86
1980	0.02	0.01	0.01	0.02	0.01	0.01	0.01	5.32	3.27	0.45	0.02	0.00	9.17
1981	0.01	0.02	0.04	0.23	0.26	0.06	5.30	0.20	0.00	0.01	0.00	0.00	6.12
1982	0.01	0.05	0.33	0.02	0.27	0.07	0.94	6.03	0.83	0.16	0.01	0.01	8.72

Note: Pre-1977 data is storm data only. No data collected during low concentration periods.

Section D

WATER QUALITY



0 1/2 1
SCALE IN MILES
BOISE FRONT

Figure D.1.--Water quality sites.

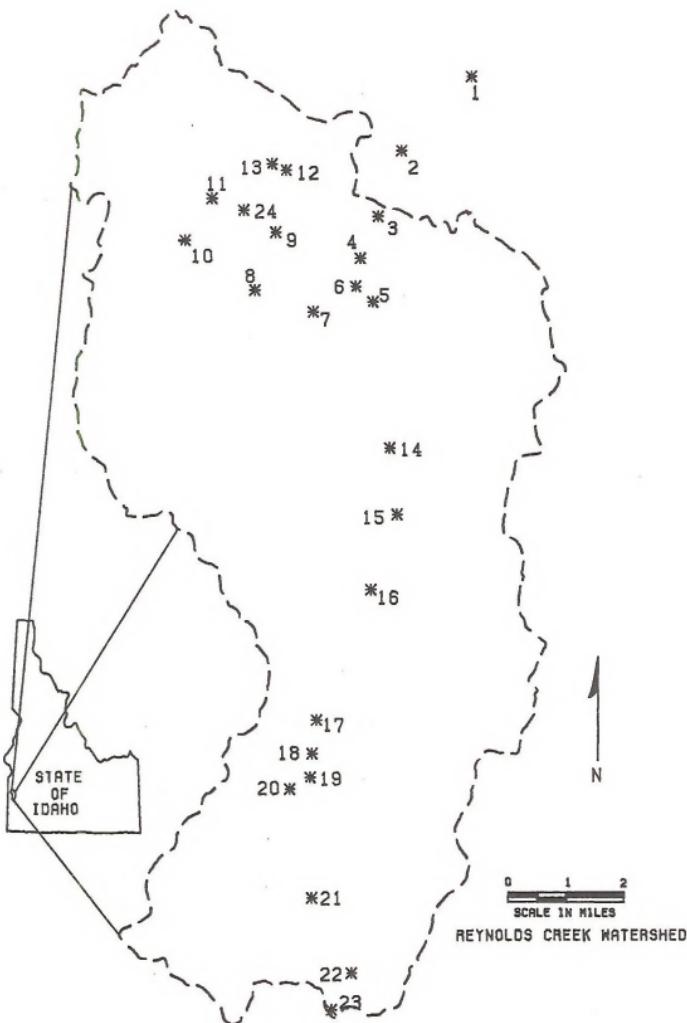


Figure D.2.--Water quality sites.

Table D.1.--Water quality statistics at Boise Front, Idaho Site 54 (322W54).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	25.19	0.00	6.17	0.21273E+02	4.61	59
SI02	37.00	9.55	24.16	0.10337E+03	10.17	5
ORTHO P	0.23	0.01	0.06	0.19322E+02	0.04	52
TOTAL P	0.22	0.03	0.06	0.26563E+02	0.05	53
AMMONIA	0.23	0.05	0.11	0.10233E+01	0.10	3
NITRITE	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRATE	9.84	0.02	1.53	0.87440E+01	2.96	10
ORGANIC	0.33	0.08	0.21	0.15833E+01	0.13	3
BORON	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(2)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	4.80	0.00	1.28	0.10803E+01	1.04	48
002	12.00	5.00	8.47	0.17785E+01	1.33	119
SOLIDS	120.40	0.00	11.15	0.30630E+03	17.50	67
C03	0.00	0.00	0.00	0.00000E+00	0.00	54
HCO3	183.00	37.00	76.64	0.13034E+04	36.10	57
CL	25.00	2.25	9.37	0.24865E+02	5.90	48
SO4	39.00	4.50	16.37	0.19204E+02	7.69	49
CA	28.50	1.32	15.32	0.23870E+02	5.47	63
MG	5.85	1.32	2.78	0.90004E+00	0.95	50
NA	12.80	2.90	8.67	0.52905E+01	2.30	59
K	2.34	0.50	0.83	0.87511E+01	0.30	61
COLI(T)	99999.90	0.00	8236.74	0.35339E+09	18798.65	116
COLI(F)	20600.00	0.00	452.02	0.39825E+07	1995.63	121
FECAL S	9300.00	0.00	610.43	0.18303E+07	1352.89	122
PH(LAB)	9.00	5.45	7.68	0.18394E+00	0.43	117
PH(FLD)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
ECOND.	1775.00	49.00	150.29	0.27554E+05	166.00	111
TURB.	----NO OBSERVATIONS ON THIS VARIABLE----					
FLOW	1.86	0.01	0.30	0.28543E+00	0.53	31
TEMP.	28.00	0.00	9.22	0.51193E+02	7.15	124
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEMER	----NO OBSERVATIONS ON THIS VARIABLE----					
PLECOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	1824.88	54.43	146.25	0.28164E+05	167.82	111
SAR	0.94	0.17	0.56	0.15166E-01	0.12	46

Table D.2.--Water quality statistics at Boise Front, Idaho Site 57 (328W57).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	27.78	0.00	6.78	0.27168E+02	5.21	39
SI02	40.00	10.75	21.70	0.14417E+03	12.01	5
ORTHO P	0.90	0.02	0.08	0.22800E+01	0.15	33
TOTAL P	0.27	0.05	0.06	0.31099E+02	0.06	31
AMMONIA	0.37	0.00	0.13	0.12270E+01	0.15	6
NITRITE	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRATE	1.16	0.03	0.53	0.12264E+00	0.35	10
ORGANIC	0.68	0.10	0.29	0.56170E-01	0.24	5
BORON	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
BOD(2)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	5.50	0.00	1.27	0.12527E+01	1.12	33
002	12.00	5.00	8.66	0.16721E+01	1.29	86
SOLIDS	167.60	0.00	19.95	0.10472E+04	32.36	48
C03	0.00	0.00	0.00	0.00000E+00	0.00	38
HCO3	159.00	42.00	80.70	0.14400E+04	34.42	38
CL	87.00	2.00	11.07	0.26191E+03	16.18	28
SO4	32.50	4.50	16.94	0.59335E+02	7.70	31
CA	20.80	1.63	14.09	0.13043E+02	3.61	46
MG	3.90	1.66	2.70	0.36800E+00	0.61	32
NA	15.49	3.00	8.64	0.39306E+01	1.98	44
K	1.99	0.73	0.98	0.60204E+01	0.25	44
COLI(T)	99999.90	0.00	6700.31	0.28123E+09	16769.84	88
COLI(F)	3350.00	0.00	125.42	0.17107E+06	413.61	89
FECAL S	3700.00	0.00	378.61	0.43813E+06	661.91	90
PH(LAB)	8.35	6.67	7.69	0.10392E+00	0.32	88
PH(FLD)	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$					
ECOND.	1750.00	62.00	177.50	0.70639E+05	265.78	79
TURB.	----NO OBSERVATIONS ON THIS VARIABLE----					
FLOW	2.06	0.04	0.84	0.53016E+00	0.73	14
TEMP.	24.50	0.00	10.39	0.45262E+02	6.73	92
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEMER	----NO OBSERVATIONS ON THIS VARIABLE----					
PLECOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	1678.43	62.46	167.24	0.56963E+05	238.67	79
SAR	0.92	0.18	0.56	0.15791E-01	0.13	30

Table D.3.--Water quality statistics at Boise Front, Idaho Site 12 (336W12).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	26.11	0.00	7.92	0.4326E+02	6.58	20
SiO2	45.00	16.00	29.33	0.2143E+03	14.64	3
ORTHO P	0.24	0.04	0.09	0.2460E-02	0.05	24
TOTAL P	0.23	0.03	0.10	0.2957E-02	0.05	22
AMMONIA	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRITE	----NO OBSERVATIONS ON THIS VARIABLE----					
ORGANIC	----NO OBSERVATIONS ON THIS VARIABLE----					
BORON	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(2)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	1.50	0.00	0.40	0.4250E+00	0.65	5
D02	10.50	5.50	8.48	0.1254E+01	1.12	52
SOLIDS	161.50	3.00	35.59	0.2214E+04	47.06	15
C03	0.00	0.00	0.00	0.0000E+00	0.00	25
HCO3	190.00	59.00	103.30	0.1865E+04	43.19	25
CL	60.50	2.13	10.05	0.1635E+03	12.79	20
SD4	15.90	4.00	9.74	0.1472E+01	2.43	18
CA	274.00	10.00	15.84	0.1148E+02	3.38	27
MG	8.90	1.60	3.84	0.3049E+01	1.75	13
NA	11.30	7.40	9.12	0.6371E+00	0.91	25
K	2.18	0.60	0.93	0.1189E+00	0.34	24
COLI(T)	99999.90	0.00	9008.62	0.4998E+09	22357.32	55
COLI(F)	23200.00	0.00	559.50	0.4845E+07	2201.29	54
FECAL S	2000.00	4.00	269.59	0.2009E+06	448.22	56
PH(LAB)	B.50	6.92	7.76	0.7753E+01	0.28	54
PH(FLD)	----NO OBSERVATIONS ON THIS VARIABLE----					
E.CONO.	334.60	85.00	132.01	0.2070E+04	45.50	45
TURB.	----NO OBSERVATIONS ON THIS VARIABLE----					
FLOW	0.55	0.03	0.38	0.2667E-01	0.16	13
TEMP.	21.00	0.0	9.43	0.3055E+02	5.50	56
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEMER	----NO OBSERVATIONS ON THIS VARIABLE----					
PLECOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	279.36	89.73	128.76	0.1620E+04	40.25	45
SAR	0.69	0.46	0.56	0.6071E-02	0.08	13

Table D.4.--Water quality statistics at Boise Front, Idaho Site 96 (419W96).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	92.70	0.00	11.25	0.1550E+03	12.45	78
SiO2	42.00	9.55	23.46	0.1682E+03	12.97	6
ORTHO P	0.25	0.05	0.11	0.1869E-02	0.04	72
TOTAL P	0.30	0.06	0.18	0.2333E-02	0.05	69
AMMONIA	0.37	0.00	0.15	0.1267E-01	0.11	10
NITRITE	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRATE	9.16	0.24	3.91	0.7071E+01	2.66	18
ORGANIC	1.50	0.30	0.59	0.1668E+00	0.41	11
BORON	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(2)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	9.20	0.00	2.44	0.4540E+01	2.13	81
D02	11.00	5.50	8.32	0.1481E+01	1.22	160
SOLIDS	621.80	2.00	43.63	0.7912E+04	86.95	93
C03	50.00	0.00	0.57	0.2873E+02	5.36	87
HCO3	190.00	8.50	87.23	0.1530E+04	39.41	88
CL	54.00	1.00	9.02	0.2420E+00	9.01	68
SD4	22.40	1.20	10.1	0.9896E+01	3.15	70
CA	23.37	3.40	13.53	0.1792E+04	4.23	95
MG	7.05	1.86	3.83	0.1595E+01	1.26	73
NA	15.70	2.80	8.30	0.4449E+01	2.11	93
K	6.20	1.02	1.65	0.5420E+00	0.74	93
COLI(T)	99999.90	0.00	9966.16	0.3872E+09	19677.46	161
COLI(F)	23200.00	0.00	581.68	0.4058E+07	2014.57	162
FECAL S	99999.99	0.00	2604.01	0.7833E+08	8850.83	164
PH(LAB)	9.20	5.55	7.58	0.1415E+00	0.38	161
PH(FLD)	\$S\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$S\$					
E.COND.	1900.00	70.00	154.40	0.3641E+05	190.83	155
TURB.	----NO OBSERVATIONS ON THIS VARIABLE----					
FLOW	2.02	0.04	0.45	0.2640E+00	0.51	39
TEMP.	21.00	0.00	8.72	0.3285E+02	6.73	168
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEMER	----NO OBSERVATIONS ON THIS VARIABLE----					
PLECOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	1696.36	75.07	152.77	0.3224E+05	179.56	155
SAR	0.86	0.19	0.55	0.2112E-01	0.15	71

Table D.5.--Water quality statistics at Reynolds, Idaho Site 1 (000100).

	HIGH	LOW	MEAN	VARIANCE	STD. DEV.	CASES
COD	190.00	6.00	25.50	0.92014E+03	30.33	36
SiO2	49.90	10.50	36.70	0.39501E+02	9.62	37
ORTHO P	0.26	0.01	0.10	0.37548E-02	0.06	37
TOTAL P	6.90	0.06	0.45	0.14169E+01	1.19	37
AMMONIA	0.05	0.00	0.00	0.84840E-04	0.01	34
NITRITE	0.65	0.00	0.01	0.72941E-03	0.01	37
NITRATE	3.35	0.05	1.15	0.72346E+00	0.88	37
ORGANIC	2.36	0.05	0.48	0.13594E+00	0.37	34
BORON	0.29	0.00	0.15	0.80578E-02	0.09	37
BOO(2)	-----	-----	-----	-----	-----	-----
BOO(5)	-----	-----	-----	-----	-----	-----
DO2	12.00	1.00	7.80	0.60434E+01	2.46	27
SOLIDS	2464.00	0.00	146.60	0.20865E+06	456.78	35
CO3	6.00	0.00	0.19	0.98676E+00	0.99	37
HCO3	452.10	88.47	283.59	0.13643E+05	116.80	37
CL	44.31	3.19	25.53	0.14518E+02	12.05	37
SO4	398.66	19.21	191.21	0.17145E+02	11.47	37
CA	147.29	17.73	78.55	0.15749E+02	39.68	37
MG	39.39	5.84	22.29	0.10114E+03	10.06	37
NA	157.70	14.25	80.73	0.15706E+04	39.63	37
K	10.95	1.96	5.99	0.70464E+01	2.65	37
COLI(T)	13400.00	30.00	2030.19	0.62933E+07	2508.65	54
COLI(F)	4550.00	0.00	434.98	0.70235E+06	838.06	54
FECAL S	21500.00	50.00	2195.57	0.20635E+08	4542.61	23
PH(LAB)	8.50	7.10	7.93	0.70627E-01	0.27	37
PH(FLO)	7.80	7.10	7.45	0.24500E+00	0.49	2
E.CONO.	1436.00	189.00	830.19	0.15623E+05	395.26	37
TURB.	1100.00	0.00	44.00	0.34468E+05	185.65	35
FLOW	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$	-----	-----	-----	-----	-----
TEMP.	29.00	0.00	11.49	0.40751E+02	6.38	50
TRICHOPT	-----	-----	-----	-----	-----	-----
EPHEMER	-----	-----	-----	-----	-----	-----
PLECOPT	-----	-----	-----	-----	-----	-----
COLEOPT	-----	-----	-----	-----	-----	-----
DIPTERA	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$	-----	-----	-----	-----	-----
OTHER	-----	-----	-----	-----	-----	-----
TOTAL	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$	-----	-----	-----	-----	-----
TDS	1515.99	202.14	751.79	0.13641E+06	369.34	33
SAR	3.01	0.76	1.99	0.38485E+00	0.62	37

Table 0.6.--Water quality statistics at Reynolds, Idaho Site 2 (000200).

	HIGH	LOW	MEAN	VARIANCE	STD. DEV.	CASES
COD	167.00	7.00	26.75	0.96556E+03	31.07	36
SiO2	38.20	12.60	28.18	0.35828E+02	5.99	37
ORTHO P	0.27	0.00	0.06	0.11741E+01	0.06	37
TOTAL P	5.34	0.01	0.39	0.11714E+01	1.08	37
AMMONIA	0.09	0.00	0.01	0.34376E-03	0.02	34
NITRITE	0.02	0.00	0.00	0.26877E-04	0.01	37
NITRATE	0.65	0.01	0.16	0.23449E-01	0.15	37
ORGANIC	4.41	0.06	0.55	0.54472E+00	0.74	34
BORON	0.31	0.00	0.13	0.88423E-02	0.09	37
BOO(2)	-----	-----	-----	-----	-----	-----
BOO(5)	-----	-----	-----	-----	-----	-----
DO2	12.00	1.00	8.42	0.42536E+01	2.06	24
SOLIDS	7492.00	1.00	359.75	0.17386E+07	1318.57	36
CO3	31.20	0.00	2.93	0.40437E+02	6.36	37
HCO3	292.86	70.16	191.05	0.14784E+05	69.33	37
CL	60.26	2.84	26.57	0.33341E+03	18.26	37
SO4	292.99	12.49	127.67	0.74675E+04	86.42	37
CA	77.35	13.23	37.37	0.20082E+03	14.17	37
MG	30.15	4.38	16.56	0.68288E+02	8.26	37
NA	147.13	11.26	71.91	0.21428E+04	46.29	37
K	9.78	1.17	4.48	0.41166E+01	2.03	37
COLI(T)	19000.00	0.00	825.35	0.70316E+07	2651.72	51
COLI(F)	1260.00	0.00	299.71	0.29348E+07	1713.13	51
FECAL S	16980.00	0.00	984.64	0.12898E+08	3591.42	22
PH(LAB)	9.12	7.50	8.21	0.14387E+00	0.74	37
PH(FLO)	7.90	7.00	7.45	0.10000E+00	0.35	2
E.CONO.	1066.00	15.00	577.81	0.92488E+05	304.12	37
TURB.	520.00	1.00	27.40	0.77342E+04	87.94	35
FLOW	115.00	0.78	21.13	0.92975E+03	30.49	22
TEMP.	23.00	0.00	10.49	0.50339E+02	7.10	41
TRICHOPT	-----	-----	-----	-----	-----	-----
EPHEMER	-----	-----	-----	-----	-----	-----
PLECOPT	-----	-----	-----	-----	-----	-----
COLEOPT	-----	-----	-----	-----	-----	-----
DIPTERA	-----	-----	-----	-----	-----	-----
OTHER	-----	-----	-----	-----	-----	-----
TOTAL	-----	-----	-----	-----	-----	-----
TDS	1025.65	89.67	560.77	0.63980E+05	289.49	33
SAR	4.56	0.66	2.31	0.15353E+01	1.24	37

Table D.7.--Water quality statistics at Reynolds, Idaho Site 13 (024045).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COO	4.04	0.00	2.02	0.8190E+01	2.86	2
SI02	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORTHO P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
AMMONIA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRITE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRATE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORGANIC	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BORON	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOO(2)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOO(5)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
D02	10.00	6.00	7.75	0.93590E+00	0.97	40
SOL10S	12.40	2.00	4.15	0.16535E+02	4.07	6
C03	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
HC03	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
S04	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
MG	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
K	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLI(T)	4080.00	5.00	345.02	0.40609E+06	637.25	64
COLI(F)	4520.00	0.00	226.35	0.44743E+06	668.90	63
FECAL S	2900.00	0.00	347.37	0.26946E+06	519.10	63
PH(LAB)	9.20	7.70	8.37	0.11878E+00	0.34	31
PH(FLO)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
E.COND	1925.00	90.00	492.63	0.36931E+06	607.71	30
TURB.	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
FLOW	6.39	0.00	2.97	0.29110E+01	1.71	29
TEMP.	30.00	1.00	17.37	0.40128E+02	6.33	58
TRICHOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
EPHEMER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
PLECOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLEOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
DIPTERA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
OTHER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TDS	1397.25	88.18	369.87	0.18804E+06	433.64	30
SAR	-----	NO OBSERVATIONS ON THIS VARIABLE-----				

Table D.8.--Water quality statistics at Reynolds, Idaho Site 12 (024069).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COO	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
SI02	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORTHO P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
AMMONIA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRITE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRATE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORGANIC	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BORON	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOO(2)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOO(5)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
D02	9.00	6.00	7.57	0.70953E+00	0.84	15
SOLIDS	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
C03	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
HC03	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
S04	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
MG	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
K	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLI(T)	2880.00	0.00	623.12	0.54885E+06	740.84	25
COLI(F)	3000.00	0.00	550.72	0.59022E+06	758.26	25
FECAL S	3480.00	1.00	489.42	0.75108E+06	866.65	24
PH(LAB)	9.10	7.93	8.39	0.95177E-01	0.31	11
PH(FLO)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
E.COND	2000.00	0.00	940.42	0.63305E+06	795.65	12
TURB.	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
FLOW	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TEMP.	20.00	1.00	17.42	0.39384E+02	6.28	24
TRICHOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
EPHEMER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
PLECOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLEOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
DIPTERA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
OTHER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TDS	1455.21	116.06	701.21	0.33804E+06	581.41	12
SAR	-----	NO OBSERVATIONS ON THIS VARIABLE-----				

Table D.9.--Water quality statistics at Reynolds, Idaho Site 11 (033005).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	-----	-----	-----	-----		
S102	-----	-----	-----	-----		
ORTHO P	-----	-----	-----	-----		
TOTAL P	-----	-----	-----	-----		
AMMONIA	-----	-----	-----	-----		
NITRITE	-----	-----	-----	-----		
NITRATE	-----	-----	-----	-----		
ORGANIC	-----	-----	-----	-----		
BORON	-----	-----	-----	-----		
BOD(2)	-----	-----	-----	-----		
BOD(5)	-----	-----	-----	-----		
D02	9.00	5.00	6.91	0.69485E+00	0.83	17
SOLIDS	-----	-----	-----	-----		
C03	-----	-----	-----	-----		
HC03	-----	-----	-----	-----		
CL	-----	-----	-----	-----		
S04	-----	-----	-----	-----		
CA	-----	-----	-----	-----		
MG	-----	-----	-----	-----		
NA	-----	-----	-----	-----		
K	-----	-----	-----	-----		
COLI(T)	2910.00	4.00	593.67	0.55750E+06	746.66	27
COLI(F)	1880.00	0.00	288.56	0.20418E+06	451.86	27
FECAL S	1050.00	0.00	216.85	0.68301E+05	297.16	26
PH(LAB)	B.33	7.75	8.12	0.52486E-01	0.23	11
PH(FLO)	-----	-----	-----	-----		
E.COND.	1800.00	95.00	790.80	0.59556E+06	765.22	11
TURB.	-----	-----	-----	-----		
FLOW	-----	-----	-----	-----		
TEMP.	26.00	0.00	16.10	0.36120E+02	6.01	26
TRICHOPT	-----	-----	-----	-----		
EPHEMER	-----	-----	-----	-----		
PLECOPT	-----	-----	-----	-----		
COLEOPT	-----	-----	-----	-----		
DIPTERA	-----	-----	-----	-----		
OTHER	-----	-----	-----	-----		
TOTAL	-----	-----	-----	-----		
TDS	1440.72	95.74	624.99	0.36048E+06	600.40	11
SAR	-----	-----	-----	-----		

Table D.10.--Water quality statistics at Reynolds, Idaho Site 24 (034056).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
C00	-----	-----	-----	-----		
S102	-----	-----	-----	-----		
ORTHO P	-----	-----	-----	-----		
TOTAL P	-----	-----	-----	-----		
AMMONIA	-----	-----	-----	-----		
NITRITE	-----	-----	-----	-----		
NITRATE	-----	-----	-----	-----		
ORGANIC	-----	-----	-----	-----		
BORON	-----	-----	-----	-----		
BOD(2)	-----	-----	-----	-----		
BOD(5)	-----	-----	-----	-----		
D02	10.50	4.00	7.45	0.21312E+01	1.46	29
SOLI05	3.00	2.00	2.80	0.50000E+00	0.71	2
C03	-----	-----	-----	-----		
HC03	-----	-----	-----	-----		
CL	-----	-----	-----	-----		
S04	-----	-----	-----	-----		
CA	-----	-----	-----	-----		
MG	-----	-----	-----	-----		
NA	-----	-----	-----	-----		
K	-----	-----	-----	-----		
COLI(T)	3900.00	0.00	333.11	0.45196E+06	672.28	38
COLI(F)	B02.00	0.00	118.24	0.35871E+05	189.40	38
FECAL S	1580.00	0.00	297.43	0.23073E+06	480.34	37
PH(LAB)	B.70	7.70	8.28	0.58000E-01	0.24	19
PH(FLD)	-----	-----	-----	-----		
E.COND.	1850.00	99.00	639.16	0.48026E+06	693.00	19
TURB.	-----	-----	-----	-----		
FLOW	-----	-----	-----	-----		
TEMP.	27.00	2.00	18.58	0.29924E+02	5.47	37
TRICHOPT	-----	-----	-----	-----		
EPHEMER	-----	-----	-----	-----		
PLECOPT	-----	-----	-----	-----		
COLEOPT	-----	-----	-----	-----		
DIPTERA	-----	-----	-----	-----		
OTHER	-----	-----	-----	-----		
TOTAL	-----	-----	-----	-----		
TDS	1314.97	93.84	487.59	0.26600E+06	515.75	19
SAR	-----	-----	-----	-----		

Table D.11.--Water quality statistics at Reynolds, Idaho Site 9 (034087).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	-----	-----	-----	-----	-----	-----
S102	-----	-----	-----	-----	-----	-----
ORTHO P	-----	-----	-----	-----	-----	-----
TOTAL P	-----	-----	-----	-----	-----	-----
AMMONIA	-----	-----	-----	-----	-----	-----
NITRITE	-----	-----	-----	-----	-----	-----
NITRATE	-----	-----	-----	-----	-----	-----
ORGANIC	-----	-----	-----	-----	-----	-----
BORON	-----	-----	-----	-----	-----	-----
SO4(2-)	-----	-----	-----	-----	-----	-----
SO4(5-)	-----	-----	-----	-----	-----	-----
002	100.00	5.00	7.36	0.13949E+01	1.18	33
SOLID5	5.20	0.00	2.87	0.31467E+01	1.77	6
C03	-----	-----	-----	-----	-----	-----
HC03	-----	-----	-----	-----	-----	-----
CL	-----	-----	-----	-----	-----	-----
S04	-----	-----	-----	-----	-----	-----
CA	-----	-----	-----	-----	-----	-----
MG	-----	-----	-----	-----	-----	-----
NA	-----	-----	-----	-----	-----	-----
K	-----	-----	-----	-----	-----	-----
COLI(T)	8840.00	0.00	344.47	0.33711E+06	580.61	45
COLI(F)	972.00	0.00	107.00	0.37660E+05	194.06	44
FECAL S	2160.00	0.00	288.73	0.23537E+06	485.14	44
PH(LAB)	9.18	7.60	8.53	0.13183E+00	0.36	24
PH(FLO)	-----	-----	-----	-----	-----	-----
E.COND.	2200.00	90.00	604.57	0.50446E+06	710.25	23
TURB.	-----	-----	-----	-----	-----	-----
FLOW	0.20	0.01	0.06	0.51590E-02	0.07	13
TEMP.	32.00	0.00	19.35	0.43494E+02	6.60	43
TRICHOPT	-----	-----	-----	-----	-----	-----
EPHEMER	-----	-----	-----	-----	-----	-----
PLECOPT	-----	-----	-----	-----	-----	-----
COLEOPT	-----	-----	-----	-----	-----	-----
DIPTERA	-----	-----	-----	-----	-----	-----
OTHER	-----	-----	-----	-----	-----	-----
TOTAL	-----	-----	-----	-----	-----	-----
TOS	1407.60	82.59	433.60	0.22993E+06	479.51	23
SAR	-----	-----	-----	-----	-----	-----

Table D.12.--Water quality statistics at Reynolds, Idaho Site 3 (036068).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	151.00	4.00	19.24	0.38927E+03	19.73	113
S102	52.20	4.20	32.60	0.45293E+02	6.73	70
ORTHO P	0.22	0.00	0.07	0.15853E-02	0.04	70
TOTAL P	4.62	0.02	0.27	0.48172E+00	0.69	69
AMMONIA	0.07	0.00	0.01	0.13981E-03	0.01	69
NITRITE	0.03	0.00	0.00	0.42671E-04	0.01	70
NITRATE	1.82	0.01	0.28	0.13235E+00	0.36	70
ORGANIC	6.19	0.12	0.09	0.108847E+00	0.30	67
S04(1-)	0.04	0.00	0.16	0.11011E-01	0.10	68
S04(5-)	-----	-----	-----	-----	-----	-----
002	4.00	0.00	1.46	0.10603E+01	1.03	67
SOLID5	8690.00	0.00	139.78	0.78542E+06	886.24	108
C03	27.30	0.00	2.13	0.28853E+02	5.37	70
HC03	402.07	60.40	229.80	0.10804E+05	103.94	70
CL	85.08	2.13	28.34	0.46305E+03	21.52	70
S04	360.23	10.09	130.54	0.49896E+04	95.86	70
CA	87.78	11.62	46.15	0.45892E+03	21.44	70
MG	40.42	3.04	16.15	0.10154E+03	10.28	70
NA	194.14	8.74	78.55	0.28932E+04	53.70	70
K	44.58	1.56	5.20	0.42680E+02	6.53	70
COLI(T)	6500.00	0.00	435.28	0.79570E+06	892.02	169
COLI(F)	864.00	0.00	94.50	0.20135E+05	141.90	169
FECAL S	1360.00	0.00	224.76	0.90916E+05	301.52	116
PH(LAB)	9.80	6.10	8.21	0.26977E+00	0.52	116
PH(FLO)	9.10	6.35	8.13	0.64080E+00	0.80	22
E.COND.	4075.00	110.00	785.38	0.38947E+06	624.07	121
TURB.	700.00	0.00	28.61	0.95123E+04	97.53	68
FLON	223.75	0.03	19.47	0.12737E+02	34.65	113
TEMP.	29.50	0.00	11.67	0.63737E+02	7.98	100
TRICHOPT	102.20	8.00	210.00	0.1110E+06	333.31	9
EPHEMER	330.00	19.00	121.33	0.11865E+05	108.93	9
PLECOPT	29.00	0.00	7.11	0.10461E+03	10.23	9
COLEOPT	185.00	10.00	47.56	0.31823E+04	56.41	9
DIPTERA	135.00	21.00	82.11	0.19305E+04	43.94	9
OTHER	50.00	1.00	11.67	0.23075E+03	15.19	9
TOTAL	1316.00	0.00	392.36	0.17918E+06	423.30	11
TOS	3743.25	107.78	708.25	0.24366E+06	493.62	118
SAR	4.62	0.55	2.28	0.14002E+01	1.18	70

Table D.13.--Water quality statistics at Reynolds, Idaho Site 4 (036088).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COO	166.00	0.00	57.67	0.88143E+04	93.88	3
SiO2	42.40	27.10	34.75	0.11705E+03	10.82	2
ORTHO P	0.27	0.10	0.19	0.14450E-01	0.12	2
TOTAL P	4.83	0.12	2.47	0.11092E+02	3.33	2
AMMONIA	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRATE	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRITE	0.23	0.00	0.14	0.24200E-01	0.16	2
ORGANIC	5.60	0.20	2.90	0.14580E+02	3.82	2
BORON	0.04	0.03	0.04	0.50000E-04	0.01	2
BOD(5)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$					
BOD2	11.00	5.00	8.21	0.19307E+01	1.39	62
SOLIDS	122.80	10.00	47.84	0.18001E+04	42.43	7
CO3	0.00	0.00	0.00	0.00000E+00	0.00	2
HCO3	179.38	58.57	118.97	0.72975E+04	85.43	2
CL	6.38	0.71	3.55	0.16074E+02	4.01	2
SO4	13.93	1.44	7.68	0.78000E+02	8.83	2
CA	31.06	9.22	20.14	0.23649E+03	15.44	2
MG	121.16	3.65	7.91	0.38800E+02	6.02	2
NA	183.85	5.97	12.07	0.19378E+02	9.8	2
K	2.74	2.35	2.55	0.76049E+01	0.28	2
COLI(T)	8050.00	0.00	457.37	0.90416E+06	950.87	128
COLI(F)	4160.00	0.00	104.73	0.17065E+06	412.38	128
FECAL S	2220.00	0.00	138.08	0.91974E+05	303.27	93
PH(LAB)	9.62	6.25	8.24	0.55882E+00	0.75	38
PH(FLD)	----NO OBSERVATIONS ON THIS VARIABLE----					
E.COND.	3100.00	95.00	502.66	0.49673E+06	704.79	44
TURB.	560.00	2.00	281.00	0.15568E+06	394.57	2
FLOU.	26.50	0.00	3.27	0.26826E+02	5.18	44
TEMP.	29.50	0.00	12.80	0.67015E+02	8.19	88
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEM	----NO OBSERVATIONS ON THIS VARIABLE----					
PLFCOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	1555.26	91.11	374.70	0.16512E+06	406.34	41
SAR	0.73	0.37	0.55	0.61600E-01	0.25	2

Table D.14.--Water quality statistics at Reynolds, Idaho Site 10 (043005).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COO	----NO OBSERVATIONS ON THIS VARIABLE----					
SiO2	----NO OBSERVATIONS ON THIS VARIABLE----					
ORTHO P	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL P	----NO OBSERVATIONS ON THIS VARIABLE----					
AMMONIA	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRATE	----NO OBSERVATIONS ON THIS VARIABLE----					
NITRITE	----NO OBSERVATIONS ON THIS VARIABLE----					
ORGANIC	----NO OBSERVATIONS ON THIS VARIABLE----					
BORON	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD(5)	----NO OBSERVATIONS ON THIS VARIABLE----					
BOD2	8.50	7.00	7.44	0.30883E+00	0.56	17
SOLIDS	----NO OBSERVATIONS ON THIS VARIABLE----					
CO3	----NO OBSERVATIONS ON THIS VARIABLE----					
HCO3	----NO OBSERVATIONS ON THIS VARIABLE----					
CL	----NO OBSERVATIONS ON THIS VARIABLE----					
SO4	----NO OBSERVATIONS ON THIS VARIABLE----					
CA	----NO OBSERVATIONS ON THIS VARIABLE----					
MG	----NO OBSERVATIONS ON THIS VARIABLE----					
NA	----NO OBSERVATIONS ON THIS VARIABLE----					
K	----NO OBSERVATIONS ON THIS VARIABLE----					
COLI(T)	5600.00	0.00	794.19	0.14519E+07	1204.95	31
COLI(F)	3600.00	0.00	420.52	0.65024E+06	806.38	31
FECAL S	2360.00	2.00	270.63	0.33277E+06	576.07	30
PH(LAB)	8.50	8.10	8.29	0.19823E-01	0.14	11
PH(FLD)	----NO OBSERVATIONS ON THIS VARIABLE----					
E.COND.	2100.00	68.00	799.36	0.65987E+06	812.32	11
TURB.	----NO OBSERVATIONS ON THIS VARIABLE----					
FLOU.	0.10	0.05	0.06	0.43000E-03	0.02	5
TEMP.	31.00	0.00	16.93	0.40875E+02	6.39	30
TRICHOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
EPHEM	----NO OBSERVATIONS ON THIS VARIABLE----					
PLFCOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
COLEOPT	----NO OBSERVATIONS ON THIS VARIABLE----					
DIPTERA	----NO OBSERVATIONS ON THIS VARIABLE----					
OTHER	----NO OBSERVATIONS ON THIS VARIABLE----					
TOTAL	----NO OBSERVATIONS ON THIS VARIABLE----					
TDS	1477.98	69.91	609.11	0.34674E+06	588.85	11
SAR	----NO OBSERVATIONS ON THIS VARIABLE----					

Table D.15.--Water quality statistics at Reynolds, Idaho Site B (044085).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
SiO2	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORTHO P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
AMMONIA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRITE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRATE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORGANIC	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BORON	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOD(2)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOD(5)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
D02	10.00	5.00	7.60	0.12389E+01	1.11	29
SOLIDS	3.00	2.00	2.25	0.25000E+00	0.50	4
C03	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
HCO3	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
S04	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
MG	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
K	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLI(T)	2360.00	0.00	341.44	0.31389E+06	560.26	54
COLI(F)	2300.00	0.00	243.13	0.23290E+06	482.59	53
FECAL S	3440.00	2.00	353.57	0.50341E+06	709.51	53
PH(LAB)	9.10	8.00	8.69	0.81062E-01	0.28	21
PH(FLD)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
E.COND	2150.00	120.00	696.50	0.49814E+06	705.79	20
TURB.	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
FLOW	2.87	0.00	0.49	0.65000E+00	0.81	20
TEMP.	32.50	0.00	16.50	0.51317E+02	7.16	53
TRICHOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
EPHEMER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
PLECOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLEOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
DIPTERA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
OTHER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TDS	1349.98	110.95	497.91	0.22163E+06	470.99	20
SAR	-----	NO OBSERVATIONS ON THIS VARIABLE-----				

Table D.16.--Water quality statistics at Reynolds, Idaho Site 6 (046084).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	84.00	0.00	40.75	0.12996E+04	36.05	4
SiO2	41.90	25.00	31.13	0.87503E+02	9.35	3
ORTHO P	0.24	0.06	0.16	0.85333E-02	0.09	3
TOTAL P	4.65	0.07	2.36	0.10488E+02	3.24	2
AMMONIA	0.00	0.00	0.00	0.00000E+00	0.00	3
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	3
NITRATE	0.36	0.02	0.18	0.20000E-01	0.14	3
ORGANIC	2.43	0.18	1.25	0.12758E+01	1.13	3
BORON	0.11	0.03	0.06	0.21233E-02	0.05	3
BOD(2)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOD(5)	-----	\$\$\$ ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$				
D02	11.00	5.00	7.83	0.17828E+01	1.34	72
SOLIDS	226.00	1.50	43.23	0.36234E+04	50.19	12
C03	0.00	0.00	0.00	0.00000E+00	0.00	3
HCO3	288.59	56.74	134.84	0.17732E+05	133.16	3
CL	81.18	1.77	28.36	0.20925E+04	45.74	3
S04	499.52	11.13	172.45	0.17732E+05	28.09	3
CA	149.40	10.82	57.31	0.64923E-04	80.18	3
MG	51.30	3.53	19.49	0.75875E+03	27.55	3
NA	116.78	7.50	44.45	0.39246E+04	62.65	3
K	5.08	1.96	3.00	0.32448E+01	1.80	3
COLI(T)	7200.00	0.00	354.65	0.71834E+06	847.55	118
COLI(F)	2264.00	0.00	116.18	0.75702E+05	275.14	117
FECAL S	5640.00	0.00	382.37	0.68372E+06	826.88	84
PH(LAB)	9.10	6.10	8.16	0.29622E+00	0.54	49
PH(FLD)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
E.COND	4000.00	119.00	853.49	0.57456E+06	758.07	53
TURB.	470.00	1.00	237.00	0.54997E+05	234.51	3
FLOW	45.00	0.01	2.19	0.40552E+02	7.12	52
TEMP.	25.50	0.00	12.18	0.49666E+02	7.05	85
TRICHOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
EPHEMER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
PLECOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLEOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
DIPTERA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
OTHER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TDS	2760.00	136.30	713.89	0.29088E+06	539.33	52
SAR	2.10	0.51	1.07	0.79770E+00	0.89	3

Table 0.17.--Water quality statistics at Reynolds, Idaho Site 7 (055036).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	-----	-----	-----	-----		
SIO2	-----	-----	-----	-----		
ORTHO P	-----	-----	-----	-----		
TOTAL P	-----	-----	-----	-----		
AMMONIA	-----	-----	-----	-----		
NITRITE	-----	-----	-----	-----		
NITRATE	-----	-----	-----	-----		
ORGANIC	-----	-----	-----	-----		
BORON	-----	-----	-----	-----		
800(2)	-----	-----	-----	-----		
800(5)	-----	-----	-----	-----		
002	6.00	6.00	7.47	0.35846E+00	0.60	17
SOL10S	-----	-----	-----	-----		
C03	-----	-----	-----	-----		
HC03	-----	-----	-----	-----		
CL	-----	-----	-----	-----		
SO4	-----	-----	-----	-----		
CA	-----	-----	-----	-----		
MG	-----	-----	-----	-----		
HA	-----	-----	-----	-----		
K	-----	-----	-----	-----		
COLI(T)	1750.00	0.00	165.00	0.92042E+05	303.38	35
COLI(F)	5400.00	0.00	60.29	0.15393E+05	124.07	35
FECAL S	10400.00	0.00	562.15	0.35284E+07	1878.41	34
PH(LAB)	9.10	7.30	8.33	0.21750E+00	0.47	10
PH(FLO)	-----	-----	-----	-----		
E.CONO.	2950.00	125.00	981.67	0.10983E+07	1047.99	9
TURB.	-----	-----	-----	-----		
FLOW	5.75	0.26	1.72	0.36297E+01	1.91	11
TEMP.	28.00	2.00	16.02	0.42151E+02	6.49	29
TRICHOPT	-----	-----	-----	-----		
EPHEMERA	-----	-----	-----	-----		
PLECOPT	-----	-----	-----	-----		
COLEOPT	-----	-----	-----	-----		
OIPTERA	-----	-----	-----	-----		
OTHER	-----	-----	-----	-----		
TOTAL	-----	-----	-----	-----		
TOS	1954.06	115.57	760.91	0.60362E+06	777.06	9
SAR	-----	-----	-----	-----		

Table 0.18.--Water quality statistics at Reynolds, Idaho Site 5 (056047).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	128.00	2.00	19.66	0.44714E+03	21.15	106
SIO2	43.30	12.80	31.87	0.37636E+02	6.13	57
ORTHO P	0.28	0.00	0.07	0.15724E-02	0.04	57
TOTAL P	3.13	0.03	0.33	0.42386E+00	0.65	56
AMMONIA	0.12	0.00	0.01	0.43690E-03	0.02	55
NITRITE	0.02	0.00	0.00	0.14773E-04	0.00	56
NITRATE	0.82	0.01	0.11	0.26051E-01	0.18	57
ORGANIC	4.32	0.16	0.72	0.11859E-01	1.05	53
S00(2)	0.46	0.01	0.15	0.11829E-01	0.11	55
800(5)	5.00	0.00	1.57	0.76709E+00	0.88	58
002	14.00	4.00	8.54	0.26591E+01	1.63	120
SOL10S	11044.00	0.00	162.74	0.13208E+07	1149.26	93
C03	10.20	0.00	0.18	0.18579E+01	1.36	56
HC03	427.70	55.52	234.92	0.17273E+05	131.43	56
CL	46.44	1.77	18.85	0.19833E+03	14.08	56
SO4	271.37	8.65	107.37	0.67359E+04	82.07	56
CA	90.38	10.42	45.03	0.82018E+03	84.00	56
MG	53.25	3.16	14.53	0.88186E+02	9.78	56
NA	16.07	0.05	6.91	0.37057E+04	52.03	56
K	13.30	1.17	4.81	0.74940E+01	2.74	56
COLI(T)	6960.00	0.00	487.30	0.77839E+06	882.26	169
COLI(F)	1500.00	0.00	149.91	0.68394E+05	261.52	167
FECAL S	11200.00	0.00	382.54	0.13474E+07	1160.77	114
PH(LAB)	9.20	5.85	8.14	0.21410E+00	0.46	110
PH(FLO)	9.50	7.74	8.33	0.25984E+00	0.51	11
E.CONO.	3300.00	100.00	720.84	0.34605E+06	588.26	112
TURB.	360.00	1.00	38.00	0.70854E+04	84.17	54
FLOW	163.99	0.01	18.88	0.12123E+02	30.52	112
TEMP.	27.80	0.00	11.40	0.50598E+02	7.11	149
TRICHOPT	660.00	2.00	154.60	0.55759E+05	236.13	10
EPHEMERA	254.00	37.00	102.30	0.60573E+04	77.83	10
PLECOPT	94.00	1.00	23.40	0.14154E+04	37.62	10
COLEOPT	380.00	3.00	60.10	0.13083E+05	114.38	10
OIPTERA	324.00	19.00	129.10	0.10649E+05	103.19	10
OTHER	30.00	2.00	12.40	0.76489E+02	8.75	10
TOTAL	1437.00	122.00	487.50	0.16180E+06	402.25	10
TOS	3825.36	100.74	664.92	0.25558E+06	505.80	108
SAR	4.07	0.56	2.09	0.13249E+01	1.15	56

Table D.19.--Water quality statistics at Reynolds, Idaho Site 14 (077071).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	37.82	0.44	9.07	0.35741E+02	5.98	39
S102	40.20	23.00	30.87	0.31120E+02	5.58	9
ORTHO P	0.08	0.03	0.06	0.25278E-03	0.02	9
TOTAL P	0.15	0.05	0.10	0.10500E-02	0.03	9
AMMONIA	0.01	0.00	0.00	0.27778E-04	0.01	9
NITRITE	0.09	0.00	0.00	0.00000E+00	0.00	9
NITRATE	0.40	0.03	0.19	0.14445E-01	0.14	9
ORGANIC	0.81	0.12	0.34	0.27053E-01	0.16	9
BORON	16.00	0.00	2.33	0.36345E+02	6.03	7
BOD(2) ----- OBSERVATIONS ON THIS VARIABLE-----						
BOD(5)	5.00	0.00	1.43	0.95258E+00	0.98	37
D02	13.00	5.00	8.06	0.23577E+01	1.54	73
SOLID5	46.50	0.00	18.38	0.24848E+03	15.76	12
C03	0.00	0.00	0.00	0.00000E+00	0.00	9
HC03	270.90	78.70	161.97	0.56784E+04	75.35	9
CL	13.10	1.80	6.22	0.21941E+02	4.68	9
S04	96.10	10.60	41.52	0.13756E+04	37.09	9
CA	52.30	14.83	31.34	0.23393E+03	15.29	9
MG	18.70	5.10	11.35	0.11533E+02	5.22	9
NA	53.10	7.82	25.29	0.33256E+03	18.26	9
K	4.70	1.17	2.70	0.19130E+01	1.38	9
COLI(T)	3600.00	0.00	404.50	0.282347E+06	532.42	128
COLI(F)	2020.00	0.00	134.21	0.47516E+05	217.98	128
FECAL S	5040.00	0.00	336.34	0.48602E+06	697.15	93
PH(LAB)	9.30	5.90	8.06	0.26916E+00	0.52	44
PH(FLD)	8.30	7.64	7.97	0.58092E-01	0.24	8
E.COND.	2400.00	75.00	411.53	0.24968E+06	498.68	51
TURB.	34.00	2.00	9.67	0.12975E+03	11.39	9
FLOW	85.27	0.53	13.52	0.40580E+03	20.14	50
TEMP.	24.50	0.00	11.12	0.46800E+02	6.84	96
TRICHOPT	\$55 ONLY ONE OBSERVATION ON THIS VARIABLE-----	\$55				
EPHEMER	\$55 ONLY ONE OBSERVATION ON THIS VARIABLE-----	\$55				
PLECOPT	\$55 ONLY ONE OBSERVATION ON THIS VARIABLE-----	\$55				
COLEOPT	\$55 ONLY ONE OBSERVATION ON THIS VARIABLE-----	\$55				
DIPTERA	\$55 ONLY ONE OBSERVATION ON THIS VARIABLE-----	\$55				
OTHER	\$55 ONLY ONE OBSERVATION ON THIS VARIABLE-----	\$55				
TOTAL	\$55 ONLY ONE OBSERVATION ON THIS VARIABLE-----	\$55				
TDS	1970.64	77.11	368.05	0.15331E+06	391.55	51
SAR	1.60	0.44	0.91	0.21746E+00	0.47	9

Table D.20.--Water quality statistics at Reynolds, Idaho Site 15 (067072).

	HIGH	LOW	MEAN	VARIANCE	STO.DEV.	CASES
COD	33.12	0.00	7.12	0.24246E+02	4.92	61
S102	45.20	22.20	33.44	0.51029E+02	7.14	13
ORTHO P	0.08	0.03	0.05	0.31026E-03	0.02	13
TOTAL P	0.17	0.04	0.10	0.15103E-02	0.04	13
AMMONIA	0.06	0.00	0.01	0.26667E-03	0.02	13
NITRITE	0.01	0.00	0.00	0.76923E-05	0.00	13
NITRATE	0.40	0.04	0.21	0.16097E-01	0.13	13
ORGANIC	0.52	0.12	0.29	0.13327E-01	0.12	13
BORON	1.15	0.00	0.06	0.30655E-02	0.06	11
BOD(2) ----- NO OBSERVATIONS ON THIS VARIABLE-----						
BOD(5)	5.00	0.00	1.13	0.92410E+00	0.96	56
D02	13.00	3.00	8.12	0.20722E+01	1.44	94
SOLID5	66.00	0.00	23.67	0.50298E+03	22.43	16
C03	0.00	0.00	0.00	0.00000E+00	0.00	13
HC03	201.95	68.94	145.25	0.29337E+02	54.16	13
CL	11.34	0.70	5.08	0.14208E+02	3.77	13
S04	36.98	6.20	18.05	0.11550E+03	10.75	13
CA	39.68	12.82	26.07	0.18355E+03	10.26	13
MG	14.47	4.10	9.54	0.12117E+02	3.62	13
NA	26.55	5.44	15.47	0.57890E+02	8.24	13
K	4.30	1.55	2.89	0.13041E+01	1.14	13
COLI(T)	6750.00	0.00	677.00	0.14060E+07	1185.76	161
COLI(F)	2728.00	0.00	194.63	0.15466E+06	393.27	160
FECAL S	2280.00	0.00	315.83	0.24087E+06	490.79	116
PH(LAB)	9.22	6.00	8.05	0.19654E+00	0.44	66
PH(FLD)	8.20	7.38	7.78	0.77197E-01	0.28	11
E.COND.	2020.00	70.00	345.33	0.15513E+06	393.86	72
TURB.	34.00	0.00	7.46	0.11044E+03	10.51	13
FLOW	84.85	0.01	9.14	0.31676E+03	17.80	71
TEMP.	22.00	0.00	10.50	0.29965E+02	5.47	119
TRICHOPT	----- NO OBSERVATIONS ON THIS VARIABLE-----					
EPHEMER	----- NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	----- NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	----- NO OBSERVATIONS ON THIS VARIABLE-----					
DIPTERA	----- NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	----- NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	----- NO OBSERVATIONS ON THIS VARIABLE-----					
TDS	1588.93	66.17	315.78	0.10439E+06	323.09	71
SAR	0.94	0.39	0.67	0.50649E-01	0.23	13

Table D.21.--Water quality statistics at Reynolds, Idaho Site 16 (106018).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	5.70	0.00	2.85	0.16245E+02	4.03	2
SI02	-----	-----	-----	-----	-----	-----
ORTHO P	-----	-----	-----	-----	-----	-----
TOTAL P	-----	-----	-----	-----	-----	-----
AMMONIA	-----	-----	-----	-----	-----	-----
NITRITE	-----	-----	-----	-----	-----	-----
NITRATE	-----	-----	-----	-----	-----	-----
ORGANIC	-----	-----	-----	-----	-----	-----
BORON	-----	-----	-----	-----	-----	-----
BOO(2)	-----	-----	-----	-----	-----	-----
BOO(5)	\$55 ONLY	ONE OBSERVATION ON THIS VARIABLE \$55				
002	11.00	5.00	8.20	0.15478E+01	1.24	77
SOLI05	3.00	2.00	2.25	0.25000E+00	0.50	4
C03	-----	-----	-----	-----	-----	-----
HC03	-----	-----	-----	-----	-----	-----
CL	-----	-----	-----	-----	-----	-----
SO4	-----	-----	-----	-----	-----	-----
CA	-----	-----	-----	-----	-----	-----
MG	-----	-----	-----	-----	-----	-----
NA	-----	-----	-----	-----	-----	-----
K	-----	-----	-----	-----	-----	-----
COLI(T)	4120.00	0.00	251.60	0.21636E+06	465.15	141
COLI(F)	560.00	0.00	37.75	0.64574E+04	80.36	140
FECAL S	740.00	0.00	67.51	0.16538E+05	125.05	105
PH(LAB)	8.91	6.00	8.06	0.22013E+00	0.47	48
PH(FLO)	-----	-----	-----	-----	-----	-----
E.CONO.	1800.00	58.00	259.28	0.13089E+06	361.79	54
TURB.	-----	-----	-----	-----	-----	-----
FLOW	64.01	0.03	11.79	0.39813E+03	19.95	50
TEMP.	26.50	0.00	11.00	0.46144E+02	6.79	99
TRICHOPT	-----	-----	-----	-----	-----	-----
EPHEMER	-----	-----	-----	-----	-----	-----
PLECOPT	-----	-----	-----	-----	-----	-----
COLEOPT	-----	-----	-----	-----	-----	-----
OIPTERA	-----	-----	-----	-----	-----	-----
OTHER	-----	-----	-----	-----	-----	-----
TOTAL	-----	-----	-----	-----	-----	-----
TOS	1376.62	55.63	228.88	0.76062E+05	275.79	52
SAR	-----	-----	-----	-----	-----	-----

Table D.22.--Water quality statistics at Reynolds, Idaho Site 17 (116083).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	154.00	0.00	10.88	0.55843E+03	23.63	71
SI02	54.00	2.50	27.37	0.40098E+02	6.33	68
ORTHO P	0.09	0.00	0.04	0.27311E-03	0.02	68
TOTAL P	3.75	0.03	0.18	0.31947E+00	0.57	67
AMMONIA	0.06	0.00	0.00	0.74760E-04	0.01	65
NITRITE	0.01	0.00	0.00	0.69140E-05	0.00	68
NITRATE	0.47	0.00	0.00	0.13222E-01	0.11	68
ORGANIC	4.89	0.07	0.40	0.81466E+00	0.78	62
BORON	0.12	0.00	0.03	0.92091E-03	0.03	66
BOO(2)	-----	-----	-----	-----	-----	-----
BOO(5)	-----	-----	-----	-----	-----	-----
002	13.00	6.00	8.39	0.18220E+01	1.35	116
SOLI05	4038.00	0.00	63.24	0.18071E+06	425.10	90
C03	0.00	0.00	0.00	0.00000E+00	0.00	68
HC03	169.62	32.95	86.47	0.85623E+03	29.26	68
CL	10.60	0.00	1.14	0.20932E+01	1.45	68
SO4	8.65	0.48	3.07	0.37363E+01	1.93	68
CA	30.06	6.41	15.17	0.37363E+02	4.85	68
MG	11.57	1.70	5.71	0.49005E+01	2.21	68
NA	10.57	2.99	5.50	0.30694E+01	1.75	68
K	2.74	0.39	1.36	0.19452E+00	0.44	68
COLI(T)	3400.00	0.00	343.42	0.33762E+06	581.05	162
COLI(F)	3260.00	0.00	94.55	0.82858E+05	287.85	161
FECAL S	1640.00	0.00	94.95	0.49504E+05	222.50	109
PH(LAB)	8.60	6.10	7.91	0.11442E+00	0.34	111
PH(FLO)	8.70	6.65	7.75	0.31235E+00	0.56	20
E.CONO.	1775.00	54.00	180.68	0.52314E+05	228.72	115
TURB.	280.00	1.00	18.38	0.23140E+04	45.10	64
PLU	185.00	0.01	16.50	0.10747E+03	25.75	143
TEMP.	24.00	0.00	9.70	0.40753E+02	5.38	143
TRICHOPT	148.00	0.20	36.26	0.15269E+04	39.07	11
EPHEMER	109.00	18.00	61.60	0.99071E+03	31.48	10
PLECOPT	93.00	0.00	20.40	0.85582E+03	29.25	10
COLEOPT	221.00	2.00	41.20	0.41695E+04	64.57	10
OIPTERA	254.00	3.00	78.80	0.65113E+04	80.69	10
OTHER	40.00	0.00	8.60	0.15316E+03	12.38	10
TOTAL	409.00	90.00	250.60	0.10506E+05	102.50	10
TOS	1396.21	51.79	173.56	0.36759E+05	191.73	108
SAR	0.47	0.27	0.36	0.19263E-02	0.04	68

Table 0.23.--Water quality statistics at Reynolds, Idaho Site 18 (135008).

	HIGH	LOW	MEAN	VARIANCE	STD.OEV.	CASES
COD	16.30	0.00	4.32	0.14994E+02	3.87	42
SI02	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORTHO P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL P	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
AMMONIA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRITE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NITRATE	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
ORGANIC	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BORON	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOD(2)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOD(5)	4.00	0.00	0.63	0.55028E+00	0.74	48
002	11.50	5.00	8.24	0.18618E+01	1.36	78
SOL10S	20.40	0.00	7.75	0.56596E+02	7.52	10
C03	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
HCO3	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
SO4	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
CA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
MG	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
NA	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
K	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLI(T)	3860.00	0.00	327.13	0.28099E+06	530.09	144
COLI(F)	820.00	0.00	76.20	0.18525E+05	136.11	143
FECAL S	4700.00	0.00	115.10	0.21662E+06	465.42	106
PH(LAB)	8.70	6.15	7.93	0.18055E+00	0.42	48
PH(FLD)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
E,CONO	1875.00	49.00	212.89	0.12224E+06	349.63	53
TURB.	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
FLOW	81.28	0.74	15.82	0.46611E+03	21.60	50
TEMP.	25.00	0.00	9.27	0.38128E+02	6.17	99
TRICHOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
EPHEMER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
PLECOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
COLEOPT	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
Diptera	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
OTHER	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TOTAL	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
TDS	1500.75	48.69	199.60	0.85722E+05	292.78	51
SAR	-----	NO OBSERVATIONS ON THIS VARIABLE-----				

Table 0.24.--Water quality statistics at Reynolds, Idaho Site 20 (135017).

	HIGH	LOW	MEAN	VARIANCE	STD.OEV.	CASES
COD	50.00	2.00	8.92	0.69767E+02	8.35	52
SI02	33.80	10.90	27.25	0.13580E+02	3.69	50
ORTHO P	0.24	0.01	0.04	0.10267E-02	0.03	51
TOTAL P	0.58	0.03	0.10	0.10349E-01	0.10	50
AMMONIA	0.01	0.00	0.00	0.10349E-04	0.00	46
NITRITE	0.01	0.00	0.00	0.56471E-05	0.00	51
NITRATE	0.43	0.02	0.11	0.94380E-02	0.10	51
ORGANIC	1.02	0.11	0.24	0.27332E-01	0.17	48
BORON	0.12	0.00	0.03	0.74966E-03	0.03	49
BOD(2)	-----	NO OBSERVATIONS ON THIS VARIABLE-----				
BOD(5)	6.00	0.00	2.70	0.41225E+01	2.03	9
002	13.00	4.00	8.40	0.20995E+01	1.45	111
SOL10S	1214.00	0.00	29.19	0.16457E+05	128.29	91
C03	0.00	0.00	0.00	0.00000E+00	0.00	50
HCO3	114.09	41.49	77.65	0.54225E+03	23.29	51
CL	1.77	0.00	0.47	0.23542E+00	0.49	51
SO4	6.24	0.00	1.89	0.25739E+01	1.66	51
CA	203.64	1.20	13.80	0.12573E+02	4.64	51
MG	7.14	1.46	4.59	0.25982E+01	4.61	51
NA	7.82	3.45	5.60	0.15278E+01	1.24	51
K	1.96	0.39	1.20	0.10360E+00	0.32	51
COLI(T)	3200.00	0.00	389.20	0.42848E+06	654.58	158
COLI(F)	1520.00	0.00	109.00	0.55056E+05	234.64	157
FECAL S	760.00	0.00	77.96	0.18038E+05	134.31	104
PH(LAB)	8.62	6.10	7.85	0.12581E+00	0.35	98
PH(FLD)	8.30	6.80	7.75	0.31521E+00	0.56	13
E,CONO	3000.00	50.00	202.59	0.19612E+06	442.85	104
TURB.	90.00	1.00	9.00	0.32365E+03	17.40	48
FLOW	31.29	0.61	4.59	0.23576E+02	7.21	101
TEMP.	22.00	0.00	8.04	0.32939E+02	5.74	138
TRICHOPT	91.00	4.00	35.13	0.11133E+04	33.37	8
EPHEMER	94.00	21.00	55.68	0.81272E+03	28.59	8
PLECOPT	136.00	1.00	33.13	0.19150E+04	43.76	8
COLEOPT	50.00	6.00	29.98	0.25127E+03	15.85	8
Diptera	260.00	8.00	98.68	0.78196E+04	88.43	8
OTHER	11.00	0.00	3.63	0.15141E+02	3.93	8
TOTAL	489.00	128.00	256.50	0.15219E+05	123.37	8
TDS	1676.15	49.33	167.18	0.53909E+05	232.18	97
SAR	0.52	0.27	0.34	0.17436E-02	0.04	51

Table 0.25.--Water quality statistics at Reynolds, Idaho Site 19 (135018).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	36.00	6.41	17.80	0.25361E+03	15.93	3
SiO2	23.50	20.00	21.75	0.61250E+01	2.47	2
ORTHO P	0.41	0.08	0.25	0.54450E-01	0.23	2
TOTAL P	555	ONLY ONE OBSERVATION ON THIS VARIABLE \$\$\$				
AMMONIA	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	2
NITRATE	0.17	0.22	0.29	0.11500E+01	0.11	2
ORGANIC	0.88	0.33	0.61	0.15125E+00	0.39	2
BORON	0.05	0.01	0.03	0.80000E-03	0.03	2
BOU(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOU(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
002	11.00	6.00	8.14	0.17200E+01	1.31	75
SOLIOS	7.60	1.00	2.92	0.70320E+01	2.65	5
C03	0.00	0.00	0.00	0.00000E+00	0.00	2
HCO3	67.72	49.42	58.57	0.16745E+03	12.94	2
CL	1.42	0.71	1.07	0.25205E+00	0.50	2
S04	1.92	0.96	1.43	0.46000E+00	0.58	2
CA	11.62	9.62	10.62	0.12000E+01	1.41	2
MG	4.50	2.99	3.71	0.12482E+01	1.12	2
NA	5.75	4.14	4.95	0.12960E+01	1.14	2
K	1.56	1.17	1.37	0.76050E-01	0.28	2
COLI(T)	3950.00	0.00	332.56	0.44146E+06	664.43	142
COLI(F)	1552.00	0.00	59.49	0.26730E+05	163.49	142
FECAL S	520.00	0.00	52.57	0.83313E+04	91.28	103
PH(LAB)	8.50	6.10	7.85	0.18028E+00	0.42	47
PH(FLO)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
E.CONO.	2000.00	48.00	219.62	0.12888E+06	359.00	53
TURB.	70.00	22.00	46.00	0.15202E+04	33.94	2
FLOW	60.96	0.56	12.32	0.25282E+03	16.07	50
TEMP.	26.00	0.00	16.00	0.41624E+02	6.45	98
TRICHOPT	-----NO OBSERVATIONS ON THIS VARIABLE \$\$\$					
EPHEMER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
PLECOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
COLEOPT	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OIPTERA	-----NO OBSERVATIONS ON THIS VARIABLE-----					
OTHER	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOTAL	-----NO OBSERVATIONS ON THIS VARIABLE-----					
TOS	1573.20	47.03	204.60	0.86981E+05	294.93	50
SAR	0.36	0.30	0.33	0.40000E-02	0.06	2

Table 0.26.--Water quality statistics at Reynolds, Idaho Site 21 (155019).

	HIGH	LOW	MEAN	VARIANCE	STO.OEV.	CASES
COO	55.00	0.00	8.05	0.10553E+03	10.27	48
SiO2	23.50	7.50	18.43	0.69202E+01	2.63	45
ORTHO P	0.12	0.01	0.03	0.42343E+03	0.02	45
TOTAL	1.41	0.02	0.11	0.48600E+01	0.22	45
AMMONIA	0.01	0.00	0.00	0.12474E-04	0.00	45
NITRITE	0.01	0.00	0.00	0.63636E-05	0.00	45
NITRATE	0.73	0.02	0.21	0.34849E-01	0.19	45
ORGANIC	1.42	0.09	0.26	0.48587E-01	0.22	42
BORON	0.29	0.00	0.03	0.21685E-02	0.05	43
BOU(2)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
BOU(5)	-----NO OBSERVATIONS ON THIS VARIABLE-----					
002	12.00	6.00	8.58	0.19713E+01	1.40	113
SOLIOS	906.00	0.00	24.54	0.10766E+05	103.76	82
C03	0.00	0.00	0.00	0.00000E+00	0.00	45
HCO3	64.67	20.13	41.77	0.14773E+03	12.03	45
CL	1.06	0.00	0.17	0.76800E+01	0.28	45
S04	10.09	4.48	5.29	0.94006E+01	3.07	45
CA	14.83	4.01	9.36	0.10132E+02	3.18	45
MG	3.28	0.60	1.90	0.53283E+00	0.73	45
NA	5.98	2.76	4.42	0.72388E+00	0.85	45
K	1.60	0.39	0.86	0.75208E-01	0.27	45
COLI(T)	2180.00	0.00	248.01	0.16978E+06	412.04	155
COLI(F)	1160.00	0.00	30.53	0.10710E+05	103.49	154
FECAL S	634.00	0.00	56.82	0.10875E+05	104.28	107
PH(LAB)	8.50	4.61	7.67	0.24563E+00	0.50	94
PH(FLO)	8.10	5.80	7.49	0.43291E+00	0.66	11
E.CONO.	2020.00	31.00	115.15	0.51988E+05	227.02	105
TURB.	140.00	1.00	12.07	0.74648E+03	21.19	43
FLOW	11.20	0.01	0.78	0.52191E+01	2.28	101
TEMP.	21.50	0.00	8.05	0.37500E+02	6.12	136
TRICHOPT	201.00	51.00	113.50	0.40890E+04	63.95	4
EPHEMER	60.00	40.00	50.00	0.12067E+03	10.98	4
PLECOPT	60.00	3.00	32.00	0.91000E+03	30.17	4
COLEOPT	24.00	4.00	9.50	0.94333E+02	9.71	4
OIPTERA	114.00	24.00	49.75	0.18483E+04	42.99	4
OTHER	4.00	2.00	3.00	0.66688E+00	0.82	4
TOTAL	39.00	215.00	225.40	0.44763E+04	65.91	4
TOS	1658.62	32.24	113.70	0.37060E+05	192.51	99
SAR	0.41	0.30	0.35	0.96133E-03	0.03	45

Table 0.27.--Water quality statistics at Reynolds, Idaho Site 22 (166074).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	30.00	3.00	8.09	0.31959E+02	5.65	32
SiO2	27.20	6.10	20.17	0.21772E+02	4.67	34
ORTHO P	0.04	0.00	0.02	0.66310E-04	0.01	34
TOTAL P	0.20	0.03	0.05	0.12347E-02	0.04	34
AMMONIA	0.01	0.00	0.00	0.15726E-04	0.00	32
NITRITE	0.00	0.00	0.00	0.00000E+00	0.00	34
NITRATE	0.41	0.02	0.09	0.10181E-01	0.10	34
ORGANIC	1.18	0.11	0.23	0.34658E-01	0.19	32
BORON	0.09	0.00	0.02	0.03667E-03	0.03	32
BOO(2)	-----	-----	-----	-----	-----	-----
BOO(5)	6.00	1.00	2.63	0.33667E+01	1.83	6
DO2	11.00	3.50	7.57	0.21891E+01	1.48	87
SOLIDS	11494.00	0.00	204.23	0.22360E+07	1495.33	59
C03	0.00	0.00	0.00	0.00000E+00	0.00	34
HC03	55.52	12.81	26.16	0.84853E+02	9.21	34
CL	1.42	0.00	0.19	0.11585E+00	0.34	34
SO4	5.28	0.00	1.67	0.17747E+01	1.33	34
CA	10.22	2.61	4.63	0.22288E+01	1.50	34
MG	7.42	0.24	1.31	0.2789E+01	1.20	34
NA	5.75	1.58	3.44	0.70848E+00	0.64	34
K	2.70	0.39	0.77	0.20358E+00	0.45	34
COLI(T)	10540.00	0.00	553.33	0.17607E+07	1326.91	123
COLI(F)	2000.00	0.00	172.19	0.14996E+00	387.12	123
FECAL S	2060.00	0.00	119.77	0.98010E+05	313.06	95
PH(LAB)	8.40	6.35	7.37	0.19431E+00	0.44	70
PH(FLO)	7.60	6.10	7.06	0.18582E+00	0.43	11
E,CONO	1500.00	17.00	71.82	0.31814E+05	178.36	78
TURB.	16.00	3.00	7.44	0.12577E+02	3.55	32
FLOW	4.06	0.00	0.23	0.42528E+00	0.65	77
TEMP.	23.00	0.00	7.00	0.48154E+02	6.94	110
TRICHOPT	-----	-----	-----	-----	-----	-----
EPHEMER	-----	-----	-----	-----	-----	-----
PLECOPT	-----	-----	-----	-----	-----	-----
COLEOPT	-----	-----	-----	-----	-----	-----
DIPTERA	-----	-----	-----	-----	-----	-----
OTHER	-----	-----	-----	-----	-----	-----
TOTAL	-----	-----	-----	-----	-----	-----
TDS	1252.35	16.54	71.38	0.23618E+05	153.68	72
SAR	0.46	0.27	0.37	0.26598E-02	0.05	34
BOO(2)	-----	-----	-----	-----	-----	-----
BOO(5)	-----	-----	-----	-----	-----	-----

Table D.28.--Water quality statistics at Reynolds, Idaho Site 23 (176512).

	HIGH	LOW	MEAN	VARIANCE	STD.DEV.	CASES
COD	7.00	0.00	1.35	0.22948E+01	1.51	37
SiO2	12.10	4.00	10.31	0.25139E+01	1.59	36
ORTHO P	0.02	0.00	0.01	0.21922E-04	0.00	37
TOTAL P	0.06	0.01	0.02	0.86036E-04	0.01	37
AMMONIA	0.01	0.00	0.00	0.14973E-04	0.00	34
NITRITE	0.02	0.00	0.00	0.13571E-04	0.00	36
NITRATE	3.25	0.44	1.84	0.27981E+00	0.67	37
ORGANIC	0.6	0.04	0.09	0.27982E-02	0.15	34
BORON	0.10	0.00	0.03	0.63815E-03	0.03	35
BOO(2)	-----	-----	-----	-----	-----	-----
BOO(5)	3.00	0.50	1.69	0.70982E+00	0.84	8
DO2	10.00	4.00	7.81	0.11746E+01	1.06	80
SOLIDS	30.00	0.00	4.41	0.47470E+02	6.89	37
C03	0.00	0.00	0.00	0.00000E+00	0.00	36
HC03	12.20	6.70	8.47	0.16811E+01	1.30	36
CL	1.80	0.00	0.52	0.27629E+00	0.53	36
SO4	9.61	0.35	1.08	0.22379E+01	1.50	36
CA	5.21	2.40	3.89	0.49133E+00	0.70	36
MG	0.73	0.10	0.44	0.97171E+01	0.17	36
NA	3.22	1.11	1.85	0.14624E+00	0.48	36
K	1.20	0.00	0.56	0.57568E-01	0.24	36
COLI(T)	112.00	0.00	5.70	0.24470E+03	15.64	112
COLI(F)	14.00	0.00	0.41	0.30449E+01	1.74	111
FECAL S	95.00	0.00	1.47	0.12350E+03	11.11	73
PH(LAB)	7.60	6.01	6.92	0.17525E+00	0.42	76
PH(FLO)	7.20	5.80	6.58	0.23128E+00	0.48	13
E,CONO	1700.00	22.00	61.81	0.35846E+05	189.33	78
TURB.	4.00	0.00	1.68	0.23768E+00	0.68	34
FLOW	10.00	0.00	0.00	0.19396E-03	0.00	38
TEMP.	11.00	3.00	5.08	0.13463E+01	1.16	103
TRICHOPT	-----	-----	-----	-----	-----	-----
EPHEMER	-----	-----	-----	-----	-----	-----
PLECOPT	-----	-----	-----	-----	-----	-----
COLEOPT	-----	-----	-----	-----	-----	-----
DIPTERA	-----	-----	-----	-----	-----	-----
OTHER	-----	-----	-----	-----	-----	-----
TOTAL	-----	-----	-----	-----	-----	-----
TDS	1865.07	24.14	68.46	0.45455E+05	213.20	74
SAR	0.43	0.17	0.24	0.22933E-02	0.05	36

Section E

VEGETATION AND SOILS

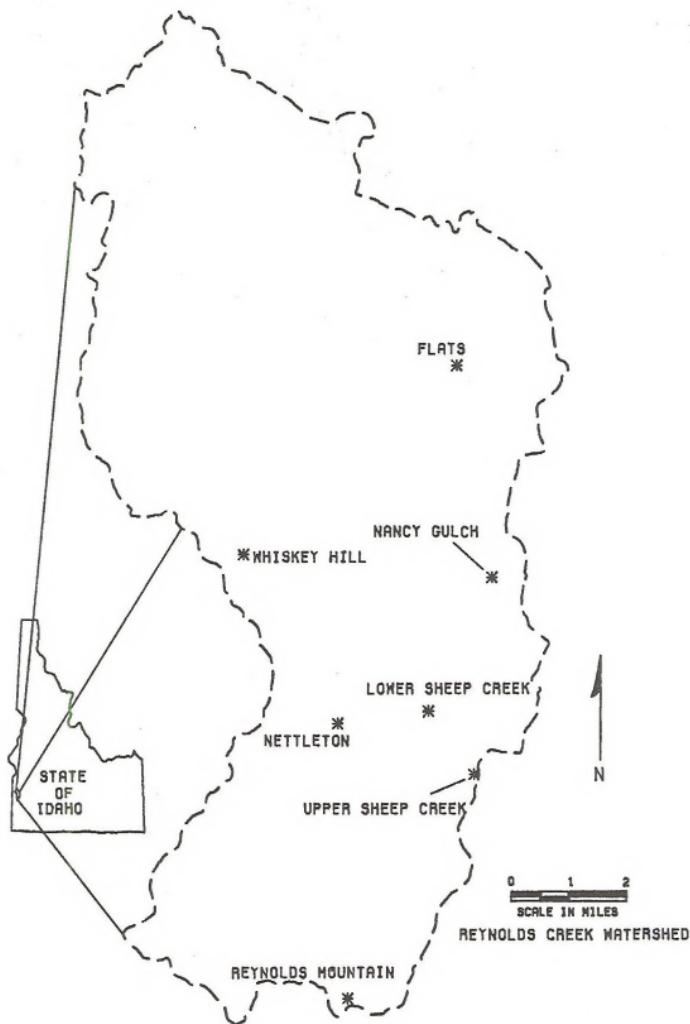


Figure E.1.--Vegetation sites.

Table E.1.1.--Basal cover at the time of peak standing crop at the Flats site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u> ^{2/}		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare</u> <u>Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	11	12	3	5	0	T	31	24	6	10	49	49
1973	2	2	4	5	1	1	33	29	6	10	54	53
1974	17	9	5	5	1	1	38	37	4	8	35	40
1975	17	15	3	3	1	1	3	4	8	13	68	64
1976	2	1	0	0	T	0	5	12	9	14	84	73
1977	3	2	T ^{3/}	0	2	1	47	26	5	12	43	59
1978	21	9	1	1	1	2	19	14	6	12	52	62
1979	4	2	2	2	T	1	53	30	4	11	37	54
1980	2	4	1	10	0	1	73	36	2	8	22	41
Average	9 ^a	6 ^a	2	3	1	1	34 ^a	24 ^a	5 ^a	11 ^b	49 ^a	55 ^a

^{1/} Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/} The forb and shrub means were not analyzed statistically.

^{3/} Trace.

Table E.1.2.--Basal cover at the time of peak standing crop at the Nancy Gulch site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> ^{2/}		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	13	19	2	5	0	T ^{3/}	26	27	20	16	39	33
1973	12	7	21	20	1	1	16	11	17	20	33	41
1974	18	14	11	20	1	1	23	13	16	17	31	35
1975	12	12	23	19	1	1	19	14	15	17	30	37
1976	3	3	5	11	T	T	37	34	19	17	36	35
1977	6	4	3	4	2	2	39	41	17	16	33	33
1978	8	9	13	9	1	1	19	19	20	20	39	42
1979	9	10	4	6	1	1	31	30	19	17	36	36
1980	3	7	3	8	1	1	55	47	13	12	25	25
Average	9 ^{1/} 9 ^a	10 ^a	10 ^a	11 ^a	1	1	29 ^a	26 ^a	17 ^a	17 ^a	34 ^a	35 ^a

^{1/} Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/} Shrubs were not analyzed statistically.

^{3/} Trace.

Table E.1.3.—Basal cover at the time of peak standing crop at the Nettleton study site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs^{3/}</u>		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972 ^{1/}	24	24	2	2	0	0	33	33	13	13	28	28
1973	23	29	2	0	1	1	43	30	9	12	22	28
1974	27	10	2	1	1	T	47	51	7	11	16	27
1975	40	19	3	2	3	3	39	29	4	14	11	33
1976	5	3	1	3	1	1	59	39	10	16	24	38
1977	25	21	2	1	1	1	47	40	7	11	18	26
1978	10	19	1	4	1	1	70	28	5	14	13	34
1979	6	13	1	T ^{4/}	1	1	78	39	4	14	10	33
1980	4	8	T	2	0	0	82	49	4	12	10	29
Average ^{2/}	18 ^a	16 ^a	2	2	1	1	55 ^a	37 ^b	7 ^a	13 ^b	17 ^a	31 ^b

^{1/}Data obtained prior to the first years grazing.

^{2/}Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{3/}The forb and shrub means were not analyzed statistically.

^{4/}Trace.

Table E.1.4.--Basal cover at the time of peak standing crop at the Lower Sheep Creek study site for the 1972 and 1974 through 1980s.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> ^{2/}		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	17	16	4	4	T ^{3/}	T	25	25	30	31	24	24
1974	19	17	3	5	3	2	21	18	30	33	24	25
1975	12	15	33	16	6	5	5	5	24	33	20	26
1976	4	6	5	6	1	1	31	30	32	32	27	25
1977	37	29	19	13	1	3	7	5	20	28	16	22
1978	8	13	3	3	2	3	35	26	29	31	23	24
1979	10	12	2	1	1	3	34	29	29	31	24	24
1980	T	1	0	T	T	T	53	47	26	29	21	23
Average	13 ^a	14 ^a	9 ^a	6 ^a	2	2	26 ^a	23 ^a	28 ^a	31 ^b	22 ^a	24 ^a

^{1/}Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/}Shrubs were not analyzed statistically.

^{3/}Trace.

Table E.1.5.--Basal cover at the time of peak standing crop at the Whiskey Hill site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u> ^{2/}		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare</u> <u>Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	20	26	10	6	2	3	35	30	5	5	28	30
1973	5	19	1	4	3	1	54	45	5	5	32	26
1974	17	12	6	2	1	3	45	44	4	6	27	33
1975	20	14	8	3	2	4	41	46	4	5	25	28
1976	4	5	1	5	1	3	55	57	6	5	34	25
1977	17	10	14	4	2	5	31	47	5	5	31	29
1978	8	6	2	2	1	2	38	51	4	6	27	33
1979	11	5	2	2	1	1	56	54	4	6	26	32
1980	3	1	1	1	0	1	81	70	2	4	13	23
Average	12 ^a ^{1/}	11 ^a	5	3	2	3	49 ^a	49 ^a	5 ^a	5 ^a	27 ^a	29 ^a

^{1/}Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/}The forb and shrub means were not analyzed statistically.

^{3/}Trace.

Table E.1.6.--Basal cover at the time of peak standing crop at the Upper Sheep Creek (sparse) study site for 1972 and 1974 through 1980.

	<u>Grasses</u>		<u>Forbs</u> ^{2/}		<u>Shrubs</u>		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	14	9	4	2	2	1	18	16	30	33	32	39
1974	7	6	1	1	2	3	14	9	37	37	39	44
1975	6	3	4	2	13	6	8	8	33	37	36	44
1976	4	3	1 ^{3/}	1	1	1	13	8	40	40	42	47
1977	12	9	2	2	9	6	8	4	33	36	36	43
1978	7	7	1	1	2	2	24	18	32	33	34	39
1979	7	6	1	1	2	1	24	18	32	34	34	40
1980	1	1	1	1	T	T	33	26	31	33	34	39
Average	7 ^{1/}	6 ^b	2	1	4 ^a	3 ^a	18 ^a	15 ^b	35 ^a	35 ^b	36 ^a	42 ^b

^{1/} Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/} The forb means were not analyzed statistically.

^{3/} Trace.

Table E.1.7.—Basal cover at the time of peak standing crop at the Upper Sheep Creek (dense) study site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> ^{2/}		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	38	32	14	23	T ^{3/}	1	41	33	1	1	6	10
1973	13	10	4	6	3	4	65	62	1	1	14	17
1974	25	4	4	16	4	3	55	59	1	1	11	17
1975	7	3	2	6	T	4	83	71	1	1	7	15
1976	1	1	2	3	T	0	88	73	1	1	8	22
1977	12	6	6	10	1	1	66	71	1	1	14	11
1978	24	9	8	11	1	1	63	61	1	1	3	17
1979	7	6	2	4	2	T	86	72	T	1	3	17
1980	T ^{1/}	T	1	1	T	T	98	92	0	T	1	7
Average	14 ^a	8 ^b	5 ^a	9 ^b	1	1	72 ^a	66 ^a	1	1	7 ^a	15 ^b

^{1/} Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/} The shrub and rock means were not analyzed statistically.

^{3/} Trace.

Table E.1.8. --Basal cover at the time of peak standing crop at the Reynolds Mountain (sparse) study site for 1972 and 1974 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> ^{2/}		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	13	9	4	6	T ^{3/}	0	16	19	50	46	17	20
1974	9	13	8	8	1	1	17	13	49	45	16	20
1975	11	10	9	10	3	4	8	10	52	46	17	20
1976	10	11	3	4	1	1	9	21	58	44	19	19
1977	12	12	15	13	1	T	20	23	39	36	13	16
1978	5	6	7	9	1	T	22	30	49	38	16	17
1979	7	5	6	9	T	T	27	27	45	41	15	18
1980	1	1	1	3	0	T	37	32	46	45	15	19
Average	9 ^a ^{1/}	8 ^a	7 ^a	8 ^a	1	1	19 ^a	22 ^a	48 ^a	42 ^b	16 ^a	19 ^b

^{1/} Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/} The shrub means were not analyzed statistically.

^{3/} Trace.

Table E.1.9.—Basal cover at the time of peak standing crop at the Reynolds Mountain (dense) study site for 1972 through 1980.

	<u>Grasses</u>		<u>Forbs</u>		<u>Shrubs</u> ^{2/}		<u>Litter</u>		<u>Rock</u>		<u>Bare Ground</u>	
	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed	ungrazed	grazed
1972	23	17	18	19	1	2	40	42	3	3	15	17
1973	21	4	8	3	4	4	45	64	3	4	19	21
1974	14	10	7	6	1	1	45	54	5	4	28	25
1975	12	14	5	8	3	3	57	49	4	4	19	22
1976	22	14	25	21	4	3	36	31	2	5	11	26
1977	27	12	8	2	T ^{3/}	T	49	62	2	4	14	20
1978	10	3	4	3	1	T	69	75	2	3	14	16
1979	6	3	1	2	1	T	70	66	3	4	19	25
1980	0	T	T	1	0	0	81	68	3	5	16	26
Average	15 ^a	9 ^b	8 ^a	7 ^a	2	1	55 ^b	57 ^b	3 ^a	4 ^a	17 ^b	22 ^a

^{1/} Means within each cover type with the same letter are not significantly different at the 0.05 probability level.

^{2/} The shrub means were not analyzed statistically.

^{3/} Trace.

Table E.1.10. --Basal cover measured during late summer at nine study sites for 1974, 1975, 1978, and 1979.

Grasses		Forbs		Shrubs		Litter		Rock		Bare Ground		
Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	
FLATS												
1974	0	0	0	0	T	1	56	55	5	7	39	57
1975	4	2	2	3	3	1	45	36	5	10	41	48
1978	0	0	T	2	1	1	65	33	3	11	31	53
1979	1 ^{1/}	0	0	0	0	0	64	45	4	9	32	46
Average	1	1	T	1	1	1	58	42	4	9	36	46
NANCY GULCH												
1974	0	0	0	0	1	1	51	39	16	19	32	41
1975	14	12	15	16	2	1	26	20	15	16	28	35
1978	6	4	0	0	2	1	43	44	17	16	32	35
1979	2	8	T	T	T	1	58	50	14	13	26	28
Average	5	6	4	4	1	1	44	38	16	16	30	35
NETTLETON												
1975	27	14	3	1	1	3	55	45	4	11	10	26
1978	0	0	T	0	1	T	82	60	5	12	12	28
1979	T	0	0	0	0	T	89	58	3	13	8	29
Average	9	5	1	T	1	1	75	54	4	12	10	26
LOWER SHEEP CREEK												
1975	16	14	15	10	1	2	17	19	28	31	23	24
1978	6	8	T	0	2	2	45	44	26	26	21	20
1979	T	0	0	0	0	T	60	54	22	26	18	20
Average	7	7	5	3	1	1	41	39	25	28	21	22
WHISKEY HILL												
1974	0	0	1	1	0	0	63	64	5	5	31	30
1975	11	11	3	1	2	3	62	60	3	4	19	21
1978	3	2	T	T	2	2	78	76	2	3	15	17
1979	1	0	0	0	0	0	87	76	2	4	10	20
Average	4	3	1	1	1	1	72	69	3	4	19	22
UPPER SHEEP CREEK (Sparse)												
1975	7	6	1	1	3	3	17	8	35	36	37	44
1978	4	4	0	T	2	2	29	22	31	33	34	39
1979	1	T	0	0	T	T	37	32	30	31	32	37
Average	4	3	T	T	2	2	28	21	32	34	34	40
UPPER SHEEP CREEK (Dense)												
1978	1	6	0	T	1	T	94	81	T	1	4	12
1979	1	T	0	0	0	0	97	92	T	T	2	8
Average	1	3	0	T	T	T	96	86	T	1	3	10
REYNOLDS MOUNTAIN (Sparse)												
1974	0	0	0	0	0	0	48	47	39	37	13	16
1978	2	1	2	3	1	1	45	47	38	33	12	15
1979	2	4	3	5	1	T	30	36	48	37	16	16
Average	1	2	2	3	1	T	41	44	41	35	14	16
REYNOLDS MOUNTAIN (Dense)												
1974	8	6	0	0	0	1	50	68	6	4	36	21
1978	4	5	2	1	1	T	79	75	2	3	12	16
1979	2	1	1	0	0	T	84	77	2	3	11	19
Average	5	4	1	T	T	T	71	74	3	3	20	19

^{1/}Trace

Table E.1.11.--Frequency of occurrence^{1/} at time of peak standing crop at the Flats site for 1972 through 1980.

Year	Total	Grasses			Forbs	Shrubs		
		Cheatgrass brome	Sandberg bluegrass	Bottlebrush squirreltail		Total	Big Sagebrush	Shadscale
Ungrazed								
1972	79	37	33	T	3	29	13	2
1973	69	42	36	T	5	16	11	1
1974	56	30	23	0	7	16	10	T
1975	40	31	25	T	5	4	5	5
1976	72	57	50	3	4	5	10	2
1977	16	4	T	0	4	T	11	1
1978	51	41	31	T	10	1	9	T
1979	52	30	11	T	18	15	7	1
1980	67	41	24	1	15	14	12	1
AV	56	35	26	T	8	11	10	1
Grazed								
1972	76	31	26	0	5	30	15	1
1973	60	25	22	0	2	22	13	4
1974	54	21	16	T	5	22	11	3
1975	40	31	28	T	2	3	6	2
1976	69	55	54	T	1	5	9	2
1977	10	3	T	T	3	0	7	2
1978	33	19	17	0	2	3	11	4
1979	30	8	4	T	4	13	9	4
1980	63	20	13	T	7	33	10	3
AV	48	24	20	T	3	14	10	3

^{1/}Frequency of occurrence is the total number of tests divided by the number of quadrats per year where no more than one hit per species was recorded for each quadrat.

Table E.1.12.—Frequency of occurrence at time of peak standing crop at the Nancy Gulch site for 1972 through 1980.

Year	Total	Grasses				Forbs	Shrubs	
		Total	Bluebunch wheatgrass	Cheatgrass brome	Sandberg bluegrass		Total	Big Sagebrush
Ungrazed								
1972	63	34	3	2	24	5	8	21
1973	71	26	1	1	20	4	26	19
1974	55	29	2	T	22	5	13	13
1975	90	45	1	2	36	6	30	15
1976	85	58	2	T	50	6	15	12
1977	22	7	T	0	5	2	3	12
1978	55	24	1	T	18	5	19	12
1979	38	22	2	0	17	3	6	10
1980	64	33	2	0	26	5	12	19
AV	60	31	2	1	24	4	14	15
Grazed								
1972	64	32	2	1	26	3	14	18
1973	54	16	T	1	14	1	25	13
1974	50	19	T	1	16	2	21	10
1975	76	37	0	2	33	2	26	13
1976	86	50	4	T	42	4	23	13
1977	18	5	0	0	4	1	4	9
1978	39	19	1	0	17	1	13	7
1979	40	20	1	0	18	1	7	13
1980	68	29	1	T	25	3	18	21
AV	55	25	1	1	21	2	17	13

Table E.1.13.—Frequency of occurrence at time of peak standing crop at the Nettleton site for 1972 through 1980.

Year	Total	Total	Grasses				Forbs	Shrubs		Antelope bitterbrush
			Bluebunch wheatgrass	Cheatgrass brome	Sandberg bluegrass	Bottlebrush squirreltail		Total	Big Sagebrush	
Ungrazed										
1972	98	64	4	25	29	6	19	15	9	6
1973	63	44	2	10	25	6	9	10	5	4
1974	93	68	4	27	28	8	13	12	6	4
1975	122	92	10	49	32	1	13	17	8	8
1976	138	78	4	32	33	8	45	15	10	0
1977	66	54	0	31	11	4	4	8	6	2
1978	112	92	12	58	13	9	9	11	6	4
1979	54	36	14	6	5	10	10	8	4	4
1980	103	48	8	9	18	11	37	18	6	9
AV	94	64	6	27	21	7	17	13	7	5
Grazed										
1972	87	63	1	26	27	9	6	18	17	T
1973	41	30	0	5	21	4	T	11	10	T
1974	27	20	T	6	11	2	2	5	5	0
1975	75	52	0	14	36	1	8	15	13	1
1976	123	71	0	9	57	5	43	9	9	0
1977	42	34	0	15	16	3	1	7	7	0
1978	102	81	0	23	50	8	13	8	8	0
1979	55	38	T	3	28	6	9	8	8	T
1980	92	55	6	6	43	T	29	8	8	T
AV	71	49	1	12	32	4	12	10	9	T

Table E.1.14.--Frequency of occurrence at time of peak standing crop at the Lower Sheep Creek site for 1972 and 1974 through 1980.

Year	Total	Grasses			Forbs	Shrubs	
		Total	Bluebunch wheatgrass	Sandberg bluegrass		Total	Low Sagebrush
Ungrazed							
1972	77	37	1	30	5	9	31
1974	54	26	1	23	2	8	20
1975	103	29	0	26	3	46	28
1976	95	42	1	38	3	22	31
1977	80	40	1	32	7	23	17
1978	61	17	1	14	1	19	25
1979	59	19	1	15	2	15	25
1980	78	26	1	23	1	28	24
AV	76	30	1	25	3	21	25
Grazed							
1972	71	34	T	31	2	11	26
1974	51	22	0	21	1	9	20
1975	74	22	0	22	T	26	26
1976	101	49	0	48	T	20	32
1977	67	30	0	30	T	14	23
1978	51	16	T	16	T	12	23
1979	56	17	T	17	T	14	25
1980	80	26	0	25	T	28	26
AV	69	27	T	26	T	17	24

Table E.1.15.—Frequency of occurrence at time of peak standing crop at the Whiskey Hill site for 1972 through 1980.

Year	Total	Grasses					Forbs	Shrubs	
		Total	Bluebunch wheatgrass	Cheatgrass brome	Idaho fescue	Sandberg bluegrass		Total	Big Sagebrush
Ungrazed									
1972	96	29	T	9	5	9	3	20	47
1973	77	24	5	8	4	7	T	17	36
1974	79	42	4	15	7	7	8	19	18
1975	119	52	8	22	9	5	7	30	37
1976	106	36	4	10	3	12	7	42	28
1977	108	40	3	15	9	4	9	40	28
1978	116	62	8	26	11	4	11	32	22
1979	85	33	9	7	9	5	3	32	13
1980	135	46	5	20	10	7	2	53	36
AV	102	40	5	15	7	7	6	32	30
Grazed									
1972	99	34	0	13	14	4	1	14	51
1973	71	22	1	4	1	11	5	10	39
1974	77	38	0	22	T	7	9	14	25
1975	90	31	2	11	1	11	6	17	42
1976	114	37	1	14	3	7	12	37	40
1977	91	34	1	16	1	7	9	19	38
1978	98	45	2	24	2	9	8	24	21
1979	72	20	3	6	T	9	1	26	17
1980	124	42	1	29	1	8	1	38	44
AV	93	34	1	15	2	8	6	22	37

Table E.1.16.—Frequency of occurrence at time of peak standing crop at the Upper Sheep Creek (sparse) site for 1972 and 1974 through 1980.

Year	Total	Total	Grasses			Forbs	Shrubs	
			Bluebunch wheatgrass	Sandberg bluegrass	Bottlebrush squirreltail		Total	Low Sagebrush
Ungrazed								
1972	74	28	T	25	1	10	36	26
1974	44	14	1	12	1	5	25	20
1975	52	13	1	11	1	10	29	20
1976	66	28	T	26	1	8	30	24
1977	59	19	1	17	1	8	32	25
1978	67	21	1	18	1	12	34	24
1979	54	19	1	17	T	10	25	19
1980	83	27	1	25	1	22	34	26
AV	62	21	1	19	1	11	30	23
Grazed								
1972	56	20	T	17	1	6	30	30
1974	28	7	0	7	T	2	19	14
1975	47	13	1	11	1	8	26	18
1976	55	24	0	23	1	6	25	17
1977	47	15	T	14	T	6	26	20
1978	58	19	T	18	T	9	30	20
1979	46	17	T	16	T	6	23	16
1980	66	20	T	18	1	16	30	22
AV	50	17	T	16	T	7	26	20

Table E.1.17. --Frequency of occurrence at time of peak standing crop at the Upper Sheep Creek (dense) site 1972 through 1980.

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Year	Total	Grasses					Forbs	Shrubs		Mountain snowberry
		Total	Slender wheatgrass	Carex	Bluegrass	Bottlebrush squirreltail		Total	Big Sagebrush	
Ungrazed										
1972	134	55	7	0	9	15	10	19	60	47
1973	91	37	6	T	8	7	10	13	41	31
1974	96	41	7	0	6	13	7	10	45	30
1975	114	48	7	2	11	12	11	21	45	32
1976	109	26	4	T	8	8	4	22	61	37
1977	124	60	8	T	15	21	5	37	27	10
1978	155	92	17	1	16	25	14	36	27	9
1979	109	62	17	1	17	6	7	27	20	7
1980	135	51	21	8	15	2	2	51	33	13
AV	118	52	10	1	12	12	8	26	40	24
Grazed										
1972	135	39	3	6	5	11	11	46	50	46
1973	75	17	2	1	2	3	7	29	29	25
1974	79	5	0	0	T	3	1	31	43	35
1975	92	13	T	0	T	1	10	31	48	40
1976	99	6	1	T	2	1	2	39	54	40
1977	79	22	1	T	2	7	4	48	9	5
1978	104	36	1	1	5	12	7	57	11	4
1979	83	27	4	T	3	9	7	48	8	3
1980	147	47	15	11	9	1	0	88	12	5
AV	99	24	3	2	3	5	5	46	29	23

Table E.1.18.—Frequency of occurrence at time of peak standing crop at the Reynolds Mountain (sparse) site 1972 and 1974 through 1980.

Year	Total	Grasses				Forbs	Shrubs	
		Total	Carex	Idaho fescue	Bluegrass		Needlegrass	Total
Ungrazed								
1972	70	30	8	6	9	3	0	17
1974	44	18	3	3	9	1	1	11
1975	54	18	6	4	4	T	3	19
1976	68	20	11	2	4	1	2	29
1977	56	16	1	6	5	2	1	30
1978	58	22	5	10	3	2	2	24
1979	42	15	2	6	3	1	3	16
1980	63	21	6	9	5	1	0	25
AV	57	20	5	6	5	1	1	21
								16
								15
Grazed								
1972	77	30	7	4	11	2	6	25
1974	50	27	0	3	21	2	1	13
1975	60	22	3	5	6	2	6	23
1976	83	29	8	5	10	2	4	31
1977	54	15	T	2	8	2	1	30
1978	68	31	4	6	6	4	11	28
1979	45	18	2	4	5	1	6	17
1980	59	25	12	6	6	1	0	23
AV	62	24	4	4	9	2	4	24
								14
								13

Table E.1.19.--Frequency of occurrence at time of peak standing crop at the Reynolds Mountain (dense) site 1972 through 1980.

Year	Total	Total	Grasses					Forbs	Shrubs			
			Big mountain brome	Carex	Idaho fescue	Bluegrass	Bottlebrush squirreltail		Total	Big Sagebrush	Mountain snowberry	
Ungrazed												
1972	122	30	5	11	0	4	3	6	31	61	59	2
1973	104	24	6	10	0	2	1	5	31	49	48	T
1974	93	21	2	13	0	1	0	5	25	47	46	T
1975	121	42	5	19	0	2	3	10	34	45	44	1
1976	136	33	7	18	0	2	2	1	41	62	60	2
1977	109	62	15	29	1	8	4	3	36	11	7	4
1978	124	60	18	10	T	10	4	11	45	19	18	1
1979	86	40	12	12	T	6	3	4	30	16	15	T
1980	121	35	18	11	T	5	0	0	66	20	18	2
AV	113	38	10	15	T	4	2	5	38	37	35	1
Grazed												
1972	111	26	8	5	1	6	2	4	33	52	48	4
1973	83	14	2	6	0	3	T	3	23	46	43	3
1974	78	15	4	7	T	2	T	2	24	39	32	6
1975	124	33	3	8	1	3	1	15	38	53	50	3
1976	123	19	4	6	1	3	2	3	40	64	61	3
1977	137	51	23	15	1	6	3	2	75	11	7	4
1978	130	69	38	4	3	4	3	6	46	15	10	5
1979	81	30	18	2	1	4	2	1	35	16	8	8
1980	122	29	17	5	1	4	0	0	73	20	11	7
AV	110	32	13	6	1	4	1	4	43	35	30	5

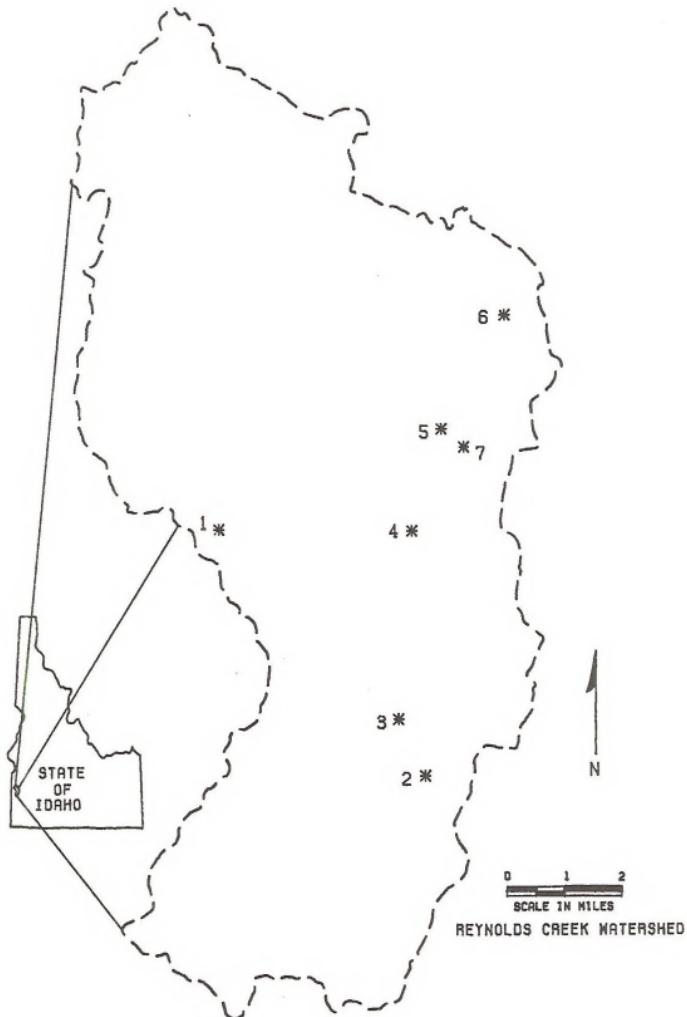


Figure E.2.--Soil sites.

SOILS DATA SUMMARIES

Detailed pit descriptions and laboratory analyses have been completed in cooperation with the Soil Conservation Service. The descriptions and detailed data in the following tables represent one or more of the individual soils of each association described in Volume II, Chapter 5 - Vegetation and Soils.

As an example, the Nannyton-Larimer-Ackmen association is represented by the Nannyton series, described as a Coarse-Loamy, mixed, mesic Typic Camborthid (Table E.2.5). Site location for the Nannyton series is given in Figure 5.3 (Volume II - Chapter 5) and Figure E.2 as location number 5.

DESCRIPTIONS AND LAB DATA FOR SELECTED SERIES REPRESENTING EACH ASSOCIATION

Table E.2.1.—Site 1. Takeuchi Series: Coarse loamy, mixed, frigid, Typic Hapluxeroll.

Horizon	Depth (in.)	Size Fractions			Organic C	Bulk		Water Content					
		% <2mm				1/3 bar	Oven dry	% <2mm					
		Clay	Silt	Sand				1/3	0.6	2.0	8.0	15.0	
A11	0-2	5.8	10.1	84.1	11	2.56	1.14	1.37	21.3	--	--	--	6.0
A12	2-5	9.6	16.6	73.1	14	2.13	1.38	1.41	10.5	--	--	--	6.9
B21T	5-16	12.0	16.9	71.1	16	1.06	1.46	1.48	9.1	--	--	--	7.6
B22T	16-20	13.6	11.7	74.7	20	0.84	1.44	1.47	10.2	--	--	--	6.7
B23T	20-27	4.1	7.0	88.9	14	0.19	1.82	1.91	9.1	--	--	--	3.5
B23T	27-36	4.9	8.3	86.8	16	0.17	1.84	1.91	9.6	--	--	--	3.8
CR	36-60	2.0	6.7	91.3	69	0.15	2.27	2.33	4.0	--	--	--	2.4

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Table E.2.2.—Site 2. Harmeli Series: Fine loamy, mixed, Argic Pacific Cryoboroll.

Horizon	Depth (in.)	Size Fractions			Organic C	Bulk		Water Content					
		% <2mm				1/3 bar	Oven dry	% <2mm					
		Clay	Silt	Sand				1/3	0.6	2.0	8.0	15.0	
A1	0-2	18.4	52.0	29.6	12	5.69	--	--	--	--	--	--	21.0
A2	2-5	19.1	55.0	25.9	10	5.44	--	--	--	--	--	--	22.8
A3	5-21	18.8	55.4	25.8	10	3.11	--	--	--	--	--	--	16.2
A4	21-41	16.1	57.5	26.4	12	2.19	--	--	--	--	--	--	15.5
2BW	41-63	8.8	49.4	41.8	47	0.38	--	--	--	--	--	--	15.3
2C	63-73	9.6	43.9	46.5	57	0.37	--	--	--	--	--	--	17.2

Table E.2.3.--Site 3. Searia Series: Fine, montmorillonitic, frigid, Typic Durixeroll.

Horizon	Depth (in.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		Clay	Silt	Sand			1/3 bar	Oven dry	1/3	0.6	2.0	8.0	15.0
A11	0-2	20.3	41.8	37.9	49	4.39	1.17	1.25	29.2	27.8	20.5	16.2	13.7
A12	2-4	20.9	50.8	28.3	15	2.11	--	--	30.6	27.8	18.9	13.5	11.8
B1T	4-12	29.8	46.6	23.6	36	1.33	1.12	1.19	28.0	27.0	19.8	16.1	14.4
B21T	12-15	32.0	37.0	31.0	44	0.51	--	--	--	--	21.0	17.8	15.7
B22T	15-20	49.6	25.6	24.8	18	0.59	1.16	1.51	40.3	38.1	36.5	30.8	26.7
B3T	20-24	31.6	34.4	34.0	28	0.60	1.09	1.24	41.5	40.3	33.6	27.8	25.3
2B21T	24-38	10.6	21.9	67.5	46	0.09	1.19	1.23	36.2	36.6	25.7	22.0	19.8
2B22T	38-63	9.3	26.7	64.0	45	0.05	1.22	1.25	30.8	32.0	24.0	19.1	17.9
2B3T	63-73	12.4	39.6	48.0	30	0.04	1.23	1.30	35.6	34.9	24.4	23.0	23.0

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Table E.2.4.--Site 4. Glasgow Series: Fine montmorillonitic, mesic, Xerolitic Haplargid.

Horizon	Depth (in.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		Clay	Silt	Sand			1/3 bar	Oven dry	1/3	0.6	2.0	8.0	15.0
A21	0-2	8.2	51.8	40.0	29	0.65	0.69	0.74	84.2	16.5	10.2	7.4	6.8
A22	2-5	11.2	58.8	30.6	11	0.45	1.16	1.22	40.7	18.0	13.4	8.5	7.7
B&A	5-8	23.4	52.3	24.3	8	0.47	0.93	1.40	57.4	25.1	18.5	14.2	12.6
B2T	8-12	57.6	32.6	9.8	2	0.82	1.06	1.14	43.0	60.0	47.9	40.4	36.6
B3T	12-21	52.6	36.9	10.5	2	0.62	1.34	1.44	24.0	56.0	45.4	38.3	33.8
2C1CA	21-26	23.1	36.6	40.3	10	0.72	0.90	1.50	63.9	42.4	34.8	29.3	26.9
2CR1CA	26-34	10.7	27.6	61.7	--	0.23	1.60	1.60	15.8	37.2	36.2	26.6	25.4
2CR2	34-44	6.7	28.8	64.5	--	0.05	1.51	1.51	19.5	42.3	30.5	26.2	25.4

Table E.2.5.--Site 5. Nanniton Series: Coarse loamy, mixed, mesic, Typic Camborthid.

Horizon	Depth (In.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		Clay	Silt	Sand			1/3 bar	Oven dry	1/3	0.6	2.0	8.0	15.0
A1	0-4	8.7	38.8	52.5	9	0.64	1.50	1.58	15.8	14.3	11.6	9.3	7.8
B21T	4-10	10.8	38.2	51.0	9	0.35	1.43	1.49	15.9	15.1	12.2	10.6	9.4
B22T	10-17	16.1	32.6	51.3	14	0.43	1.27	1.27	23.3	--	17.9	15.4	14.2
C CA	17-26	9.3	20.8	69.9	6	0.34	1.33	1.36	30.2	29.0	18.8	16.9	15.6
C CA	26-38	2.9	22.5	74.6	9	0.20	1.48	1.52	22.7	18.1	13.1	11.3	10.5
2AB	38-52	0.4	20.3	79.3	2	0.12	1.43	1.46	17.5	17.4	10.2	8.7	8.4
2B TB	52-69	10.1	25.7	64.2	2	0.13	1.50	1.54	17.6	16.0	10.3	8.9	7.8
3C	69-75	3.7	4.6	91.7	22	0.03	--	--	--	--	3.5	3.0	2.5
3C	75-81	8.2	14.7	77.1	10	0.06	--	--	--	--	7.3	7.1	6.0

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Table E.2.6.--Site 6. Rey wet Series: Fine loamy, mixed, mesic, Xerollic Camborthid.

Horizon	Depth (In.)	Size Fractions			%	Organic C	Bulk Density		Water Content				
		Clay	Silt	Sand			1/3 bar	Oven dry	1/3	0.6	2.0	8.0	15.0
A11	0-3	4.5	27.9	67.6	13	0.51	1.58	1.63	10.4	--	--	--	6.4
A12	3-6	5.7	25.9	68.4	12	0.16	1.77	1.83	8.6	--	--	--	6.5
B21T	6-12	8.7	35.1	58.2	13	0.23	1.55	1.60	11.2	--	--	--	8.6
B22T	12-20	6.6	33.8	59.6	18	0.28	1.61	1.66	13.1	--	--	--	8.9
2B31	20-38	2.9	27.9	60.2	26	0.19	1.71	1.74	10.0	--	--	--	7.6
3B32CA	38-58	7.5	26.2	66.3	23	0.25	1.59	1.61	13.3	--	--	--	9.4
4C1	58-69	5.9	18.0	77.0	51	0.20	--	--	--	--	--	--	7.8

Table E.2.7.--Site 7. Castle Vale - Brownlee Series: Clayey over sandy or sandy-skeletal.

Horizon	Depth (In.)	Size Fractions			Organic C	Bulk Density		Water Content					
		% <2mm		% >2 mm		1/3 bar	Oven dry	1/3	0.6	2.0	8.0	15.0	
		Clay	Silt	Sand									
A11	0-2	7.0	38.7	54.3	8	0.84	1.51	1.57	14.0	13.5	10.5	5.9	5.5
A12	2-5	8.7	41.0	50.3	7	0.41	1.48	1.48	21.3	20.6	10.5	7.5	6.6
B1T	5-7	13.2	41.5	45.3	21	0.34	1.40	--	17.5	15.5	11.5	9.8	7.8
B2T	7-12	27.8	14.4	57.8	17	0.32	1.29	1.52	27.6	26.8	20.0	16.1	15.0
2C1CA	12-17	8.3	15.0	76.7	16	0.39	1.40	1.42	21.3	22.2	11.2	10.1	9.7
3C2	17-24	3.7	5.5	90.8	13	0.17	1.46	1.49	13.9	15.0	5.5	5.3	5.3
3C3	24-44	3.7	3.6	92.7	5	0.06	1.69	1.71	5.3	5.4	3.9	3.8	3.4
4C4	44-50	8.8	36.9	54.3	2	0.47	0.93	0.98	56.5	49.8	30.1	22.3	19.6
5C5	50-59	5.7	47.0	47.3	7	0.13	1.30	--	32.5	31.1	21.9	21.5	21.3
6C6	59-65	7.8	4.7	87.5	1	0.05	1.60	--	9.2	8.8	6.5	5.9	5.8

Section F

SOIL WATER



Figure F.1.--Soil water sites.

Table F.1.--Soil water content in inches of water at Reynolds, Idaho
Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54		
492	1 9 73	1.81	1.43	1.22	1.24	1.30	7.00	
492	1 23 73	2.00	1.72	1.28	1.22	1.31	7.52	
496	2 5 73	1.96	1.68	1.28	1.13	1.34	7.39	
492	2 22 73	1.91	1.62	1.38	1.29	1.38	7.57	
496	3 6 73	1.64	1.46	1.24	1.17	1.25	6.77	
496	3 21 73	1.74	1.60	1.60	1.29	1.29	7.51	
492	4 2 73	1.59	1.44	1.38	1.27	1.13	6.81	
492	4 17 73	2.16	1.85	1.56	1.17	1.34	8.08	
492	4 30 73	1.60	1.68	1.58	1.29	1.46	7.62	
492	5 14 73	1.40	1.35	1.47	1.26	1.05	6.53	
496	5 25 73	1.10	1.14	1.72	1.45	1.36	6.77	
492	6 13 73	1.12	1.06	1.38	1.52	1.29	6.38	
492	6 27 73	0.97	0.83	1.35	1.40	1.35	5.89	
492	7 11 73	0.97	0.95	1.30	1.30	1.30	5.82	
496	7 24 73	1.02	0.88	1.18	1.18	1.13	5.39	
492	8 8 73	0.84	0.87	1.27	1.32	1.32	5.63	
492	8 20 73	0.84	0.87	1.14	1.27	1.27	5.41	
492	9 4 73	0.86	0.92	1.32	1.32	1.36	5.78	
492	10 16 73	1.01	1.00	1.19	1.36	1.32	5.87	
492	10 29 73	1.05	0.99	1.32	1.27	1.32	5.95	
492	11 13 73	1.12	0.93	1.16	1.20	1.25	5.67	
492	11 27 73	1.20	0.97	1.14	1.32	1.27	5.91	
492	12 11 73	1.33	1.06	1.27	1.44	1.48	6.58	
492	12 26 73	1.33	1.08	1.31	1.40	1.40	6.52	
492	1 8 74	1.75	1.58	1.57	1.36	1.66	7.92	
492	1 22 74	1.98	1.71	1.46	1.32	1.52	7.98	
152	2 6 74	2.22	1.75	1.56	1.60	1.62	8.75	
152	2 19 74	2.08	1.75	1.64	1.58	1.70	8.75	
152	3 12 74	2.49	2.26	1.61	1.50	1.67	9.53	
152	3 19 74	2.24	2.02	1.53	1.58	1.64	9.02	
152	4 5 74	1.93	1.93	1.61	1.55	1.61	8.64	
152	5 17 74	1.28	1.33	1.88	1.64	1.82	7.93	
152	5 30 74	0.98	1.12	1.64	1.53	1.53	6.72	
152	6 4 74	0.85	1.05	1.76	1.58	1.88	7.11	
152	6 20 74	0.53	1.03	1.81	1.47	1.87	6.71	
152	7 2 74	1.00	1.06	1.58	1.70	1.58	6.93	
152	8 14 74	0.40	0.93	1.70	1.47	1.64	6.13	
152	8 28 74	0.43	0.87	1.70	1.46	1.62	6.20	
492	9 24 74	0.91	0.94	1.27	1.35	1.35	5.82	
492	10 8 74	0.48	0.65	1.31	1.19	1.43	5.06	
492	10 24 74	0.97	1.00	1.19	1.19	1.35	5.70	
492	11 4 74	0.60	1.03	1.41	1.00	1.41	5.45	
492	11 18 74	0.66	1.09	1.52	1.19	1.52	5.98	
492	12 3 74	0.62	1.10	1.44	1.19	1.57	5.91	
492	12 17 74	0.95	1.33	1.40	1.19	1.48	6.35	
492	1 13 75	1.18	1.49	1.38	1.02	1.41	6.46	
152	1 28 75	1.37	1.28	1.31	1.20	1.43	6.59	
152	2 12 75	1.97	2.04	1.63	1.18	1.41	8.22	
492	2 25 75	1.47	1.94	1.48	1.00	1.35	7.25	
492	3 11 75	1.10	1.80	1.48	1.05	1.48	6.91	
152	3 26 75	1.35	1.94	1.41	1.63	1.41	7.73	
152	4 8 75	1.58	1.50	1.41	1.52	1.52	7.53	
492	4 22 75	1.61	1.86	1.59	1.07	1.50	7.63	
492	5 7 75	0.57	1.29	1.50	0.98	1.59	5.94	
152	5 20 75	1.01	1.43	1.74	1.35	1.69	7.23	
492	6 3 75	1.13	1.17	1.19	1.57	1.44	6.50	
152	6 24 75	0.43	0.99	1.81	1.29	1.69	6.20	
492	7 23 75	1.12	1.17	1.46	1.39	1.59	6.72	
152	8 5 75	1.14	1.14	1.46	1.29	1.58	6.60	
152	8 19 75	1.19	1.13	1.57	1.46	1.52	6.88	
152	9 2 75	1.15	1.12	1.43	1.48	1.65	6.84	
152	9 16 75	0.99	1.03	1.52	1.46	1.58	6.57	
152	9 30 75	1.03	1.07	1.46	1.52	1.69	6.78	
496	10 14 75	1.35	1.23	1.51	1.27	1.51	6.87	
492	10 28 75	1.84	1.55	1.61	1.42	1.67	8.09	
492	11 11 75	1.56	1.39	1.61	1.42	1.67	7.65	
492	12 1 75	1.68	1.63	1.70	1.51	1.76	8.29	
492	12 15 75	1.71	1.42	1.70	1.44	1.89	8.16	

Table F.1.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
492	1 12 76	1.49	1.35	1.57	1.37	1.70	7.48
492	2 2 76	2.07	1.80	1.63	1.30	1.63	8.44
492	2 17 76	2.12	1.73	1.59	1.40	1.66	8.49
492	3 2 76	2.22	1.85	1.63	1.37	1.70	8.77
492	3 17 76	2.22	1.84	1.58	1.52	1.58	8.74
492	3 31 76	1.97	1.78	1.72	1.46	1.59	8.53
492	4 14 76	1.67	1.64	1.59	1.66	1.59	8.15
492	4 28 76	1.45	1.49	1.76	1.37	1.76	7.84
492	5 10 76	1.35	1.30	1.57	1.44	1.50	7.15
492	5 24 76	0.99	1.11	1.70	1.30	1.76	6.87
492	6 1 76	1.12	1.17	1.62	1.59	1.66	7.17
492	6 14 76	1.09	1.07	1.39	1.57	1.47	6.69
492	6 28 76	1.08	1.08	1.46	1.44	1.62	6.67
492	7 12 76	0.93	1.03	1.44	1.44	1.57	6.40
492	7 26 76	0.92	1.01	1.50	1.47	1.63	6.52
492	8 9 76	1.14	1.10	1.45	1.42	1.62	6.73
492	8 23 76	1.17	1.27	1.31	1.51	1.78	7.04
492	9 7 76	1.05	1.08	1.44	1.46	1.70	6.72
492	9 20 76	1.46	1.25	1.54	1.44	1.65	7.34
492	10 4 76	1.31	1.24	1.53	1.42	1.56	7.06
492	10 18 76	1.20	1.11	1.44	1.40	1.53	6.68
492	11 1 76	1.09	1.06	1.32	1.38	1.55	6.41
492	11 15 76	1.11	1.10	1.42	1.52	1.66	6.80
492	11 29 76	1.14	1.16	1.44	1.57	1.63	6.94
492	12 14 76	1.22	1.13	1.30	1.50	1.50	6.66
492	12 27 76	1.18	1.16	1.40	1.40	1.53	6.67
492	1 11 77	1.15	1.10	1.44	1.44	1.38	6.50
492	1 24 77	1.28	1.26	1.60	1.47	1.47	7.09
492	2 23 77	1.34	1.25	1.47	1.66	1.65	7.38
492	3 2 77	1.43	1.29	1.56	1.56	1.69	7.53
492	3 22 77	1.30	1.28	1.63	1.50	1.63	7.33
492	4 4 77	1.10	1.15	1.44	1.38	1.56	6.63
492	4 19 77	1.23	1.25	1.56	1.50	1.56	7.11
492	5 3 77	1.32	1.27	1.60	1.47	1.73	7.39
492	5 24 77	1.56	1.43	1.64	1.52	1.64	7.78
492	6 15 77	1.39	1.39	1.47	1.28	1.73	7.27
492	6 23 77	1.07	1.25	1.56	1.34	1.76	6.99
492	7 28 77	0.69	1.06	1.73	1.41	1.78	6.67
492	8 1 77	0.65	1.02	1.67	1.35	1.82	6.51
492	8 15 77	0.51	0.94	1.67	1.32	1.79	6.23
492	9 2 77	0.74	1.05	1.67	1.32	1.79	6.58
492	9 16 77	0.61	1.00	1.69	1.37	1.79	6.47
492	9 30 77	0.79	0.99	1.56	1.25	1.68	6.27
492	10 14 77	0.96	1.02	1.55	1.40	1.75	6.67
492	10 28 77	0.65	0.98	1.66	1.39	1.83	6.51
492	11 11 77	0.74	1.02	1.64	1.35	1.86	6.62
492	11 25 77	2.05	1.69	1.65	1.35	1.70	8.45
492	12 6 77	1.81	1.68	1.65	1.33	1.77	8.23
492	12 27 77	2.20	1.97	1.62	1.36	1.74	8.89
492	1 10 78	2.41	2.19	1.62	1.30	1.72	9.23
492	2 3 78	2.16	2.07	1.71	1.38	1.68	9.01
492	2 7 78	2.14	1.94	1.72	1.43	1.60	8.81
492	2 28 78	2.20	1.94	1.61	1.51	1.59	8.85
492	3 14 78	2.24	1.95	1.75	1.43	1.58	8.94
492	3 28 78	1.94	1.89	2.04	1.55	1.65	9.07
492	5 1 78	2.20	2.10	2.17	1.69	1.64	9.79
492	5 10 78	1.57	1.96	2.56	1.78	1.80	9.78
492	5 24 78	1.51	1.54	2.09	1.82	1.63	8.59
492	6 7 78	1.36	1.35	1.95	1.95	1.67	8.28
492	6 20 78	1.21	1.21	1.86	1.81	1.60	7.70
492	7 5 78	1.29	1.21	1.77	1.59	1.62	7.58
492	7 19 78	1.18	1.20	1.74	1.74	1.66	7.51
492	8 1 78	1.07	1.14	1.66	1.61	1.66	7.14
492	8 16 78	1.02	1.11	1.62	1.49	1.69	6.94
492	8 29 78	0.99	1.03	1.50	1.45	1.60	6.57
492	9 12 78	1.09	1.14	1.62	1.40	1.65	6.91
492	9 28 78	0.85	1.10	1.56	1.39	1.68	6.59
492	10 19 78	0.76	1.05	1.68	1.36	1.80	6.65
492	10 31 78	0.66	1.02	1.66	1.37	1.81	6.51
492	11 14 78	0.85	1.04	1.59	1.35	1.64	6.48
492	11 29 78	1.04	1.16	1.62	1.45	1.77	7.03
492	12 12 78	1.65	1.46	1.71	1.34	1.61	7.77
492	12 27 78	1.59	1.41	1.71	1.39	1.81	7.91

Table F.1.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
492	2 6 79	1.78	1.45	1.62	1.40	1.74	8.00
492	3 6 79	1.80	1.58	1.64	1.40	1.76	8.19
607	3 21 79	1.75	1.49	1.73	1.56	1.83	8.35
607	4 3 79	1.63	1.46	1.73	1.56	1.86	8.23
607	4 17 79	1.49	1.49	1.76	1.49	1.83	8.06
607	5 4 79	1.39	1.46	1.78	1.48	1.88	7.99
607	5 15 79	1.32	1.38	1.78	1.48	1.65	7.80
607	5 30 79	1.04	1.25	1.84	1.60	1.87	7.60
607	6 20 79	0.94	1.17	1.71	1.54	1.92	7.28
607	7 3 79	0.86	1.17	1.80	1.46	1.90	7.20
606	7 17 79	0.82	1.14	1.76	1.55	1.91	7.18
606	7 31 79	0.80	1.16	1.75	1.57	1.86	7.14
607	8 14 79	1.49	1.38	1.76	1.49	1.86	7.97
607	8 29 79	1.17	1.30	1.81	1.54	1.92	7.74
607	9 10 79	1.16	1.29	1.74	1.50	1.92	7.62
606	9 25 79	1.02	1.19	1.77	1.45	1.84	7.27
606	10 9 79	0.95	1.17	1.75	1.43	1.82	7.12
606	10 23 79	1.17	1.29	1.73	1.49	1.84	7.53
607	11 7 79	1.16	1.27	1.67	1.47	1.84	7.41
606	11 20 79	1.17	1.30	1.76	1.47	1.86	7.56
607	11 26 79	1.25	1.30	1.66	1.43	1.80	7.43
607	12 10 79	1.18	1.25	1.68	1.39	1.82	7.29
606	12 26 79	1.31	1.27	1.73	1.50	1.85	7.66
492	1 8 80	1.44	1.35	1.77	1.53	1.90	7.98
606	1 22 80	2.15	1.84	1.78	1.54	1.88	9.19
606	2 7 80	2.39	2.23	1.87	1.52	1.94	9.95
607	2 19 80	2.17	2.16	1.76	1.50	1.89	9.50
607	2 25 80	2.38	2.08	1.74	1.45	1.91	9.55
492	3 24 80	1.84	1.89	1.81	1.44	1.88	8.86
492	4 4 80	1.76	1.76	1.80	1.49	1.88	8.68
606	4 21 80	1.46	1.55	1.82	1.58	1.92	8.34
492	5 8 80	1.32	1.44	1.75	1.50	1.94	7.95
607	6 2 80	1.75	1.59	1.79	1.49	1.85	8.47
607	6 16 80	1.48	1.49	1.74	1.48	1.81	8.01
607	6 30 80	1.25	1.38	1.79	1.49	1.88	7.79
607	7 16 80	1.13	1.30	1.79	1.49	1.88	7.59
607	7 29 80	1.05	1.26	1.72	1.52	1.85	7.40
607	8 12 80	0.97	1.21	1.77	1.47	1.87	7.31
607	8 27 80	0.97	1.19	1.73	1.53	1.83	7.25
607	9 9 80	1.01	1.20	1.75	1.55	1.85	7.37
607	9 23 80	1.45	1.38	1.75	1.49	1.92	7.98
607	10 6 80	1.27	1.32	1.73	1.47	1.76	7.56
607	10 21 80	1.21	1.29	1.73	1.50	1.76	7.49
607	11 6 80	1.20	1.30	1.73	1.50	1.86	7.58
607	11 17 80	1.18	1.28	1.75	1.46	1.82	7.50
607	12 9 80	1.60	1.40	1.64	1.39	1.73	7.76
607	12 23 80	1.97	1.61	1.77	1.48	1.81	8.65
607	1 5 81	2.14	1.96	1.69	1.46	1.82	9.07
607	1 21 81	2.02	1.90	1.68	1.45	1.84	8.89
607	1 26 81	2.01	1.87	1.72	1.43	1.78	8.82
607	2 10 81	2.06	1.87	1.72	1.46	1.88	9.00
607	2 25 81	2.08	1.90	1.73	1.47	1.76	8.94
607	3 11 81	1.80	1.78	1.74	1.45	1.84	8.62
607	3 24 81	2.13	1.89	1.71	1.43	1.81	9.02
607	4 8 81	1.70	1.70	1.74	1.48	1.77	8.39
607	4 22 81	2.43	2.24	1.70	1.51	1.80	9.68
606	5 6 81	1.81	1.93	1.86	1.50	1.79	8.89
607	5 19 81	1.72	1.85	1.93	1.50	1.87	8.87
607	6 2 81	1.57	1.71	1.95	1.56	1.89	8.68
607	6 17 81	1.55	1.63	1.99	1.56	1.95	8.58
607	7 1 81	1.39	1.56	1.97	1.57	1.93	8.41
607	7 14 81	1.26	1.54	2.06	1.53	1.90	8.30
607	7 30 81	1.08	1.37	1.98	1.58	1.88	7.89
607	8 11 81	1.03	1.37	1.91	1.58	1.98	7.87
607	8 25 81	0.96	1.29	1.91	1.55	1.94	7.66
607	9 9 81	0.90	1.20	1.84	1.55	1.90	7.39
607	9 28 81	0.89	1.17	1.85	1.56	1.91	7.38
607	10 6 81	0.89	1.18	1.83	1.51	1.92	7.32
607	10 21 81	1.12	1.25	1.79	1.50	1.88	7.53
607	11 4 81	1.12	1.25	1.82	1.47	1.91	7.56
607	11 18 81	1.44	1.39	1.82	1.56	1.91	8.12
607	11 25 81	2.02	1.65	1.75	1.50	1.88	8.80
607	12 11 81	1.99	1.70	1.86	1.56	1.96	9.07
607	12 23 81	2.41	2.36	1.85	1.56	1.91	10.08

Table F.1.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 057096.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54		
607	1 22 82	2.61	2.40	2.03	1.60	1.97	10.61	
607	1 28 82	2.78	2.57	2.13	1.58	1.93	10.99	
607	2 11 82	2.59	2.40	2.11	1.53	1.96	10.57	
607	2 23 82	2.62	2.56	2.70	1.54	1.86	11.27	
607	3 10 82	2.36	2.38	2.71	1.62	1.99	11.06	
607	3 24 82	2.32	2.28	2.59	1.62	1.91	10.72	
607	4 8 82	2.03	2.10	2.51	1.66	1.92	10.22	
607	4 21 82	1.90	2.04	2.56	1.69	1.91	10.10	
607	4 28 82	1.78	1.98	2.55	1.74	1.90	9.95	
607	5 12 82	1.71	1.77	2.46	1.82	1.95	9.70	
607	5 26 82	1.48	1.65	2.37	1.76	1.92	9.19	
607	6 3 82	1.38	1.59	2.39	1.87	1.97	9.20	
607	6 15 82	1.26	1.47	2.26	1.87	1.93	8.79	
607	6 29 82	1.57	1.56	2.20	1.91	1.88	9.13	
606	7 15 82	1.34	1.48	2.18	1.90	1.94	8.83	
606	8 4 82	1.11	1.38	2.11	1.84	1.95	8.39	
606	8 10 82	1.08	1.40	2.12	1.81	1.93	8.34	
606	8 25 82	1.02	1.35	2.10	1.82	2.02	8.31	
606	9 9 82	1.01	1.35	2.11	1.83	1.95	8.25	
606	9 22 82	1.03	1.30	2.03	1.80	1.99	8.16	
606	10 6 82	1.13	1.37	2.06	1.79	1.98	8.33	
606	10 19 82	1.09	1.35	2.10	1.79	1.98	8.31	
606	11 17 82	1.60	1.56	2.08	1.85	2.04	9.13	
606	12 10 82	1.92	1.68	2.04	1.77	1.93	9.34	

Table F.2.--Soil water content in inches of water at Reynolds, Idaho
Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54		
492	1 8 73	2.48	2.41	1.30	0.36	1.18	7.73	
492	1 22 73	2.60	2.55	1.55	0.33	1.16	8.18	
492	2 5 73	2.43	2.32	1.05	0.29	1.11	7.20	
492	3 6 73	2.40	2.46	1.67	0.25	1.02	7.81	
492	3 20 73	2.21	2.23	1.38	0.53	1.20	7.54	
492	4 3 73	2.44	2.41	0.99	0.46	1.37	7.67	
492	4 16 73	2.75	2.67	1.85	0.60	1.23	9.10	
492	4 30 73	2.52	2.41	1.75	0.49	1.42	8.58	
492	5 14 73	2.21	2.26	1.66	0.67	1.27	8.08	
492	5 25 73	1.85	1.93	1.20	0.48	1.30	6.76	
492	6 6 73	1.54	1.62	0.90	0.43	1.32	5.81	
492	6 19 73	1.35	1.47	1.71	0.36	1.18	6.07	
492	7 6 73	1.29	1.30	0.84	0.45	0.89	4.77	
492	7 17 73	1.20	1.31	0.78	0.31	1.24	4.85	
492	7 31 73	1.31	1.39	1.56	0.69	1.21	6.16	
492	8 14 73	1.20	1.36	0.97	0.45	1.27	5.26	
492	8 28 73	1.26	1.36	0.58	0.45	1.27	4.94	
492	9 25 73	1.64	1.64	0.60	0.42	1.13	5.43	
492	10 10 73	1.38	1.41	1.00	0.42	1.41	5.63	
492	10 25 73	2.31	1.71	2.01	0.32	1.14	7.49	
492	11 7 73	1.26	1.33	0.86	0.30	1.18	4.93	
492	11 23 73	1.60	1.54	1.32	0.67	1.14	6.27	
492	12 6 73	2.15	1.87	1.10	0.45	1.32	6.89	
492	12 19 73	2.33	2.10	1.77	0.36	1.04	7.60	
492	1 17 74	2.92	2.67	2.11	0.51	1.19	9.38	
152	2 14 74	2.95	2.97	2.03	0.61	1.44	10.00	
152	3 1 74	2.97	2.93	2.11	0.61	1.33	9.97	
152	3 14 74	3.33	3.33	3.24	0.78	1.41	12.11	
152	3 28 74	3.04	3.06	3.10	0.71	1.53	11.44	
152	4 24 74	2.71	2.84	2.96	0.84	1.58	10.93	
152	5 8 74	2.39	2.70	2.91	0.79	1.55	10.34	
152	6 4 74	1.19	1.63	3.05	0.82	1.17	7.86	
152	6 20 74	1.07	1.51	2.82	0.63	1.25	7.28	
152	7 2 74	1.41	1.90	3.09	0.61	1.44	8.44	
492	7 16 74	1.54	1.88	2.35	0.74	1.77	8.28	
152	7 30 74	1.23	1.41	2.70	0.71	1.53	7.57	
152	8 14 74	1.04	1.42	2.21	0.61	1.50	6.77	
152	8 28 74	1.19	1.38	2.21	0.71	1.71	7.19	
492	9 12 74	1.17	1.37	2.20	0.38	1.35	6.48	
492	9 24 74	1.13	1.35	2.20	0.42	1.35	6.46	
492	10 8 74	1.19	1.41	2.12	0.51	1.44	6.67	
492	10 25 74	1.32	1.41	2.12	0.51	1.35	6.71	
492	11 6 74	1.35	1.63	2.16	0.42	1.35	6.92	
492	11 18 74	1.45	1.61	2.16	0.37	1.27	6.86	
492	12 2 74	1.16	1.47	2.09	0.49	1.33	6.54	
492	12 17 74	1.45	1.62	2.19	0.47	1.29	7.02	
492	12 31 74	1.71	1.78	2.16	0.37	1.27	7.29	
492	1 14 75	2.01	1.87	2.24	0.30	1.22	7.64	
152	1 27 75	2.69	2.82	2.36	0.87	1.44	10.18	
152	2 12 75	3.03	2.99	2.81	0.59	1.39	10.81	
492	2 25 75	2.51	2.79	3.56	0.30	1.22	10.38	
492	3 11 75	1.99	2.66	3.51	0.41	1.20	9.77	
492	4 9 75	1.81	2.49	3.68	0.30	1.16	9.44	
492	4 23 75	1.78	2.50	3.73	0.47	1.22	9.71	
492	5 8 75	2.63	2.76	2.73	0.33	1.20	9.65	
152	5 21 75	2.12	2.62	3.24	0.66	1.35	9.98	
492	6 5 75	2.50	2.64	3.04	0.70	1.42	10.29	
152	6 24 75	2.18	2.64	2.73	0.66	1.35	9.55	
492	7 8 75	2.00	2.02	2.58	0.65	1.34	8.59	
492	7 23 75	2.08	2.18	2.00	0.51	1.48	8.25	
492	7 29 75	1.73	1.90	2.06	0.57	1.42	7.68	
152	8 5 75	1.43	1.60	1.50	0.53	1.44	6.50	
152	8 19 75	1.46	1.58	1.63	0.62	1.35	6.64	
152	9 2 75	1.63	1.68	1.69	0.60	1.58	7.18	
152	9 16 75	1.41	1.65	1.61	0.56	1.66	6.89	
152	9 30 75	1.35	1.54	1.49	0.56	1.43	6.37	
492	10 14 75	2.36	2.17	1.79	0.44	1.30	8.07	
492	10 28 75	2.82	2.85	2.06	0.70	1.42	9.85	
492	11 11 75	2.59	2.64	1.87	0.44	1.35	8.90	
492	12 16 75	2.99	2.96	1.95	0.55	1.57	10.03	
492	12 30 75	2.92	2.95	2.26	0.70	1.42	10.24	

Table F.2.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
492	1 13 76	2.97	2.82	1.57	0.69	1.50	9.55
492	2 3 76	2.91	2.86	1.75	0.66	1.49	9.67
492	2 18 76	3.11	3.06	2.24	0.56	1.46	10.43
492	3 2 76	3.24	3.20	2.38	0.66	1.36	10.85
492	3 17 76	3.26	3.23	2.41	0.66	1.55	11.11
492	3 31 76	2.93	2.98	2.40	0.68	1.61	10.59
492	4 13 76	2.70	2.89	2.50	0.62	1.40	10.11
492	4 28 76	2.59	2.85	2.69	0.69	1.53	10.35
492	5 12 76	2.13	2.35	2.56	0.62	1.53	9.19
492	5 25 76	1.63	1.85	2.42	0.65	1.37	7.92
492	6 8 76	1.69	1.84	2.09	0.78	1.30	7.71
492	6 22 76	1.64	1.76	1.98	0.75	1.53	7.67
152	7 7 76	1.55	1.73	1.43	0.62	1.43	6.76
492	7 21 76	1.24	1.46	1.70	0.58	1.30	6.28
492	8 3 76	1.92	1.92	1.92	0.56	1.40	7.72
152	8 17 76	1.66	1.74	1.86	0.77	1.58	7.61
492	8 31 76	1.34	1.56	1.83	0.65	1.37	6.74
492	9 14 76	1.74	1.69	1.89	0.52	1.44	7.28
492	10 13 76	1.62	1.72	1.96	0.58	1.44	7.31
492	10 27 76	1.45	1.59	1.89	0.65	1.44	7.02
492	11 10 76	1.38	1.52	2.00	0.66	1.36	6.93
492	11 23 76	1.51	1.58	1.96	0.65	1.44	7.13
492	11 30 76	1.49	1.64	1.89	0.65	1.50	7.18
492	12 15 76	1.47	1.67	1.89	0.58	1.50	7.12
492	12 28 76	1.51	1.60	1.92	0.56	1.53	7.17
492	1 11 77	1.50	1.59	1.88	0.69	1.44	7.10
492	1 25 77	1.49	1.65	1.94	0.56	1.63	7.27
496	2 9 77	1.39	1.59	1.73	0.69	1.61	7.01
492	2 22 77	1.49	1.75	2.06	0.69	1.75	7.74
492	3 3 77	1.74	1.93	1.96	0.79	1.71	8.13
492	3 22 77	1.50	1.59	1.69	0.63	1.54	6.95
492	4 4 77	1.43	1.57	1.81	0.56	1.44	6.82
492	4 18 77	1.50	1.69	1.75	0.63	1.44	7.00
492	5 2 77	1.82	1.91	1.79	0.71	1.54	7.77
492	5 18 77	2.46	2.41	1.96	0.91	1.59	9.33
492	6 1 77	2.05	2.05	1.85	0.84	1.60	8.40
492	6 15 77	2.57	2.44	1.68	0.64	1.55	8.87
492	6 29 77	2.38	2.27	1.72	0.69	1.69	8.68
496	7 12 77	1.88	1.92	1.66	0.70	1.61	7.77
492	7 26 77	1.57	1.85	1.69	0.59	1.54	7.24
492	8 10 77	1.50	1.65	1.73	0.58	1.54	7.00
492	8 23 77	1.40	1.58	1.62	0.54	1.50	6.64
492	9 7 77	1.43	1.60	1.55	0.58	1.55	6.71
492	9 21 77	1.43	1.57	1.54	0.58	1.54	6.66
492	10 4 77	1.40	1.56	1.54	0.59	1.54	6.64
492	10 18 77	1.39	1.57	1.52	0.56	1.52	6.56
492	11 2 77	1.47	1.59	1.48	0.59	1.48	6.62
492	11 15 77	1.42	1.58	1.37	0.60	1.54	6.51
492	12 27 77	2.98	2.84	1.61	0.59	1.52	9.54
492	1 10 78	2.97	2.88	1.61	0.52	1.47	9.44
492	2 3 78	2.97	2.92	1.63	0.56	1.51	9.59
492	2 7 78	3.00	2.92	1.73	0.58	1.49	9.72
492	2 28 78	3.15	3.03	1.91	0.66	1.61	10.37
492	3 14 78	3.14	3.07	2.74	0.70	1.54	11.19
492	3 28 78	2.89	2.90	2.68	0.74	1.54	10.75
492	4 25 78	2.76	2.82	2.64	0.90	1.52	10.65
492	5 10 78	2.89	2.92	2.84	1.05	1.56	11.25
492	5 24 78	2.44	2.57	2.49	1.01	1.61	10.11
492	6 8 78	1.81	2.05	2.23	0.89	1.72	8.69
492	6 20 78	1.81	1.97	1.90	0.84	1.77	8.29
492	7 5 78	2.18	2.24	1.73	0.74	1.73	8.63
492	7 18 78	1.74	1.86	1.60	0.65	1.75	7.60
492	8 1 78	1.53	1.71	1.56	0.65	1.68	7.13
492	8 16 78	1.51	1.68	1.51	0.61	1.66	6.96
492	8 29 78	1.46	1.63	1.44	0.63	1.68	6.85
492	9 12 78	1.46	1.62	1.90	0.54	1.66	7.18
492	9 28 78	1.40	1.64	1.85	0.65	1.71	7.20
492	10 19 78	1.46	1.62	1.84	0.64	1.71	7.26
492	10 31 78	1.29	1.52	1.82	0.56	1.63	6.82
492	11 14 78	1.39	1.52	1.51	0.56	1.63	6.62
492	11 29 78	1.45	1.57	1.54	0.56	1.54	6.66
492	12 12 78	1.98	1.77	1.81	0.57	1.49	7.61
492	12 27 78	1.83	1.71	1.77	0.58	1.51	7.40

Table F.2.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					TOTAL
		0-9	9-18	18-30	30-42	42-54	
492	2 6 79	1.93	1.73	1.86	0.56	1.60	7.69
492	3 6 79	2.56	2.20	1.93	0.62	1.51	8.82
607	3 20 79	2.32	2.12	2.04	0.67	1.41	8.56
607	4 3 79	2.29	2.16	2.14	0.64	1.44	8.66
607	4 17 79	2.11	2.07	2.14	0.71	1.41	8.42
607	5 4 79	1.87	1.94	2.12	0.70	1.44	8.07
607	5 15 79	1.80	1.88	2.08	0.70	1.44	7.91
607	5 31 79	1.58	1.72	2.12	0.70	1.48	7.60
607	6 20 79	1.49	1.64	2.08	0.66	1.48	7.35
607	7 5 79	1.48	1.62	2.03	0.66	1.42	7.20
606	7 17 79	1.40	1.58	2.08	0.65	1.46	7.16
606	7 31 79	1.35	1.60	2.12	0.65	1.34	7.06
607	8 14 79	2.32	2.22	2.03	0.69	1.46	8.72
607	8 29 79	1.95	1.97	2.12	0.73	1.51	8.29
607	9 11 79	1.55	1.69	2.05	0.70	1.39	7.37
606	9 26 79	1.47	1.63	2.06	0.59	1.40	7.15
606	10 10 79	1.42	1.57	2.10	0.63	1.40	7.12
606	10 23 79	1.75	1.75	2.09	0.67	1.38	7.65
607	11 7 79	1.62	1.67	2.02	0.60	1.41	7.32
607	11 19 79	1.61	1.73	2.14	0.67	1.44	7.57
607	11 26 79	1.59	1.66	2.00	0.59	1.39	7.23
607	12 10 79	1.58	1.63	2.01	0.61	1.37	7.20
606	12 26 79	1.61	1.68	2.07	0.62	1.38	7.37
492	1 8 80	1.82	1.80	2.46	0.67	1.33	8.08
606	1 22 80	2.80	2.89	2.74	0.71	1.29	10.43
606	2 7 80	3.08	2.90	2.67	0.76	1.31	10.71
607	2 25 80	3.01	3.03	2.61	0.70	1.26	10.61
492	3 24 80	2.46	2.65	2.59	0.56	1.34	9.60
492	4 7 80	2.41	2.65	2.57	0.61	1.42	9.65
606	4 21 80	2.10	2.42	2.62	0.71	1.41	9.26
492	5 5 80	2.17	2.38	2.44	0.59	1.46	9.04
607	6 2 80	2.28	2.18	2.58	0.73	1.32	9.09
607	6 16 80	1.99	2.04	2.58	0.67	1.32	8.60
607	6 30 80	1.59	1.77	2.47	0.68	1.37	7.88
607	7 15 80	1.50	1.66	2.39	0.67	1.40	7.63
607	7 30 80	1.41	1.62	2.37	0.64	1.37	7.43
607	8 13 80	1.33	1.57	2.25	0.63	1.36	7.13
607	8 27 80	1.27	1.50	2.22	0.62	1.34	6.95
607	9 17 80	2.43	2.20	2.25	0.62	1.34	8.84
607	9 24 80	2.56	2.39	2.38	0.66	1.39	9.39
607	10 8 80	1.88	1.97	2.32	0.65	1.37	8.19
607	10 21 80	1.69	1.79	2.29	0.65	1.40	7.82
607	11 6 80	1.52	1.68	2.25	0.62	1.37	7.45
607	11 17 80	1.52	1.64	2.23	0.63	1.34	7.36
607	12 9 80	1.62	1.65	2.14	0.59	1.36	7.36
607	12 23 80	2.19	1.93	2.20	0.58	1.35	8.24
607	1 5 81	2.39	2.22	2.33	0.60	1.34	8.87
607	1 14 81	2.31	2.17	2.27	0.65	1.33	8.73
607	1 19 81	2.25	2.11	2.23	0.64	1.39	8.62
607	1 26 81	2.19	2.01	2.23	0.60	1.34	8.36
607	2 10 81	2.19	2.02	2.20	0.63	1.34	8.39
607	2 23 81	2.82	2.82	2.19	0.66	1.33	9.80
607	3 9 81	2.62	2.66	2.25	0.64	1.34	9.51
607	3 23 81	2.54	2.58	2.26	0.67	1.39	9.43
607	4 6 81	2.51	2.55	2.36	0.67	1.39	9.48
607	4 20 81	3.25	3.09	2.33	0.69	1.38	10.73
606	5 6 81	2.52	2.68	2.36	0.80	1.40	9.76
607	6 2 81	2.21	2.33	2.35	0.70	1.46	9.05
607	6 17 81	1.91	2.00	2.33	0.69	1.41	8.33
607	7 1 81	1.70	1.82	2.30	0.71	1.50	8.02
607	7 14 81	1.59	1.76	2.30	0.71	1.50	7.85
607	7 30 81	1.48	1.68	2.17	0.70	1.52	7.55
607	8 11 81	1.40	1.62	2.11	0.70	1.52	7.34
607	8 25 81	1.36	1.61	2.14	0.66	1.45	7.22
607	9 9 81	1.31	1.55	2.06	0.64	1.45	7.01
607	10 6 81	1.29	1.52	2.05	0.67	1.47	7.01
607	10 21 81	1.39	1.55	2.07	0.63	1.47	7.12
607	11 4 81	1.39	1.58	2.07	0.67	1.47	7.17
607	11 18 81	1.81	1.74	2.14	0.67	1.43	7.78
607	11 30 81	2.22	1.93	2.05	0.69	1.45	8.34
607	12 11 81	2.30	2.02	2.15	0.72	1.50	8.69
607	12 23 81	3.11	3.00	2.17	0.68	1.49	10.45

Table F.2.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 098697.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
607	1 20 82	2.89	2.87	2.23	0.71	1.42	10.11
607	1 28 82	3.28	3.25	2.73	0.70	1.44	11.40
607	2 10 82	3.27	3.10	2.76	0.75	1.46	11.33
607	2 24 82	3.39	3.38	3.01	0.69	1.44	11.92
607	3 10 82	3.27	3.25	3.18	0.87	1.49	12.05
607	3 24 82	3.18	3.22	3.18	0.78	1.49	11.84
607	4 8 82	3.15	3.15	3.23	0.78	1.50	11.81
607	4 21 82	3.09	3.16	3.24	0.78	1.49	11.76
607	4 28 82	2.98	3.06	3.24	0.79	1.54	11.61
607	5 12 82	2.69	2.83	3.21	0.84	1.49	11.06
607	5 26 82	2.32	2.54	3.05	0.80	1.47	10.19
607	6 3 82	2.08	2.35	2.95	0.82	1.61	9.80
607	6 15 82	1.94	2.15	2.81	0.84	1.55	9.28
607	6 29 82	2.63	2.55	2.53	0.78	1.49	9.98
606	7 14 82	2.14	2.11	2.59	0.84	1.51	9.18
606	8 4 82	1.63	1.80	2.38	0.74	1.44	8.00
606	8 10 82	1.61	1.76	2.36	0.71	1.45	7.88
606	8 25 82	1.57	1.73	2.26	0.75	1.54	7.84
606	9 9 82	1.48	1.69	2.23	0.76	1.47	7.63
606	9 22 82	1.48	1.68	2.26	0.72	1.45	7.61
606	10 6 82	1.51	1.69	2.18	0.73	1.47	7.59
606	10 19 82	1.55	1.68	2.29	0.73	1.47	7.73
606	11 17 82	1.70	1.75	2.32	0.78	1.49	8.05
606	12 10 82	2.74	2.57	2.36	0.75	1.45	9.87

Table F.3.--Soil water content in inches of water at Reynolds, Idaho
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66	
492	1 26 73	2.58	2.77	3.02	2.89	2.20	2.69	16.15
492	2 9 73	2.51	2.47	2.78	2.17	2.57	2.45	14.96
492	2 22 73	2.65	2.78	3.26	2.90	2.32	2.90	16.81
492	3 8 73	2.78	2.87	3.66	3.00	2.47	2.82	17.59
492	3 22 73	2.70	2.77	3.56	3.04	2.40	2.70	17.18
492	4 6 73	2.41	2.64	3.34	2.85	2.23	2.64	16.11
492	4 16 73	2.60	2.60	3.47	3.18	2.23	2.64	16.72
492	4 20 73	2.72	2.79	3.60	3.14	2.40	2.77	17.40
496	4 24 73	2.50	2.63	3.33	2.90	2.38	2.55	16.29
492	4 26 73	2.71	2.81	3.67	3.23	2.53	2.92	17.88
492	4 30 73	2.70	2.74	3.56	3.13	2.40	2.83	17.36
492	5 6 73	1.65	2.06	3.04	3.00	2.68	2.75	15.19
492	5 19 73	1.46	1.76	3.04	2.95	2.34	2.84	14.39
492	7 31 73	1.17	1.47	2.38	2.78	2.56	2.78	13.13
492	8 14 73	1.17	1.55	2.03	2.40	2.40	2.74	12.29
492	8 28 73	1.30	1.59	2.48	2.83	2.57	3.09	13.85
492	9 11 73	1.13	1.44	2.58	2.58	2.35	3.03	13.11
492	10 10 73	1.23	1.44	2.64	2.23	2.31	2.64	12.50
492	10 25 73	1.41	1.67	2.70	2.40	2.31	2.83	13.31
496	11 15 73	1.98	1.70	2.37	2.29	2.08	2.58	12.99
492	11 30 73	2.61	2.63	2.75	2.67	2.63	2.75	16.04
152	12 27 73	2.82	2.93	2.83	3.05	3.00	2.94	17.57
152	1 24 74	3.16	3.07	3.86	3.69	2.99	3.16	19.94
152	2 7 74	2.99	3.16	3.94	3.82	3.21	3.10	20.22
152	2 21 74	2.94	3.09	4.10	3.66	2.87	3.21	19.87
152	3 22 74	3.16	3.25	4.27	3.99	3.20	3.20	21.06
152	4 3 74	3.18	3.22	4.10	3.88	3.15	3.26	20.81
152	4 10 74	2.96	3.15	4.05	3.99	3.15	3.10	20.40
152	4 17 74	2.90	3.08	3.99	3.87	3.07	3.36	20.27
152	4 24 74	2.74	2.96	4.04	3.86	3.09	3.39	20.08
496	5 1 74	2.15	2.64	4.44	3.97	3.38	3.73	20.31
152	5 8 74	2.45	2.81	3.98	3.86	3.09	3.39	19.58
152	5 15 74	2.38	2.81	4.04	3.87	3.17	3.46	19.75
152	5 22 74	2.09	2.22	3.40	3.40	3.16	3.28	17.54
152	5 29 74	2.02	2.37	3.75	3.75	3.28	3.40	18.57
152	6 27 74	0.96	1.59	3.56	3.14	3.26	3.56	16.07
496	7 10 74	1.39	1.77	3.08	3.38	2.81	3.26	15.71
152	7 17 74	0.97	1.41	3.22	2.99	2.99	3.16	14.74
152	7 23 74	0.80	1.35	3.05	2.75	2.93	3.22	14.11
152	8 7 74	0.99	1.47	3.10	3.16	3.05	3.40	15.18
492	8 20 74	0.39	0.86	2.68	2.77	3.12	2.86	12.68
492	10 1 74	0.60	1.12	2.82	2.35	2.52	2.95	12.36
152	10 16 74	1.06	1.54	3.18	2.99	3.05	3.42	15.25
492	10 30 74	1.25	1.60	2.81	2.33	2.57	2.73	13.29
492	11 12 74	1.42	1.77	2.67	2.42	2.67	2.84	13.80
492	12 2 74	1.32	1.65	2.90	2.37	2.57	2.73	13.54
492	12 16 74	1.96	2.10	2.93	2.36	2.64	2.81	14.80
492	12 30 74	2.08	2.31	3.31	2.40	2.51	2.63	15.24
492	1 14 75	2.52	2.55	3.42	2.64	2.78	2.90	16.81
152	2 11 75	3.12	2.95	3.72	3.16	2.83	3.16	18.94
492	2 24 75	2.92	2.99	3.68	2.74	2.74	2.83	17.89
492	3 10 75	2.12	2.63	4.19	3.08	2.57	2.83	17.42
152	4 7 75	3.10	3.14	3.24	2.81	3.03	2.92	18.24
492	4 21 75	1.91	2.57	4.12	3.08	2.81	2.81	17.31
152	4 28 75	2.82	3.02	4.16	3.35	2.92	3.08	19.35
492	5 6 75	1.97	2.54	3.95	2.90	2.73	2.86	16.95
492	5 14 75	2.47	2.86	4.36	3.45	3.17	3.42	19.73
152	5 19 75	2.31	2.74	4.05	3.37	3.14	3.20	18.80
152	5 27 75	2.00	2.52	3.99	3.47	3.01	3.24	18.24
152	6 2 75	1.67	2.27	4.05	3.37	3.03	3.25	17.63
492	7 3 75	1.58	1.91	3.37	3.37	3.37	3.50	17.05
492	7 15 75	1.42	1.71	3.12	3.25	2.86	3.25	15.60
152	8 12 75	1.59	1.89	3.07	3.13	2.90	3.24	15.82
492	9 8 75	1.41	1.83	3.10	3.10	2.91	3.36	15.71
152	9 24 75	1.73	1.97	2.90	3.30	2.96	3.19	16.04
496	10 10 75	1.96	1.99	2.90	2.78	2.66	2.84	15.14
152	10 21 75	2.06	2.16	2.96	3.19	2.90	3.19	16.44
152	11 4 75	2.73	2.79	3.14	3.03	2.74	3.25	17.68
492	12 2 75	2.68	2.70	3.42	3.10	3.04	3.23	18.18
492	12 16 75	2.82	2.93	3.24	3.30	2.98	3.11	18.38
492	12 30 75	2.70	2.86	3.36	3.17	2.98	3.24	18.31

Table F.3.(cont.)--Soil water content in inches of water at Reynolds, Idaho
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66	
492	1 20 76	2.90	2.99	3.93	3.66	3.14	3.01	19.63
492	2 3 76	3.06	3.01	3.85	3.21	2.89	3.34	19.36
492	2 18 76	3.20	3.13	3.73	3.27	2.81	3.27	19.42
492	3 17 76	3.34	3.17	3.92	3.21	2.76	3.21	19.60
492	3 31 76	3.09	3.19	4.12	3.53	2.88	3.14	19.96
492	4 13 76	2.98	3.05	4.05	3.60	2.89	3.21	19.76
152	4 27 76	2.89	3.02	3.88	3.66	2.98	3.21	19.63
492	5 11 76	2.65	2.94	3.98	3.60	2.95	3.21	19.33
492	5 28 76	1.94	2.48	3.80	3.47	2.94	3.27	17.89
492	6 8 76	1.72	2.11	3.66	3.53	3.01	3.07	17.11
492	6 22 76	1.80	2.14	3.47	3.34	2.89	3.27	16.90
152	7 7 76	1.71	2.10	3.23	3.41	3.00	3.12	16.56
492	7 20 76	1.51	1.88	3.01	3.34	3.01	3.21	15.94
492	8 3 76	1.42	1.72	2.81	2.94	2.75	3.14	14.78
152	8 17 76	1.74	2.00	3.07	3.19	2.96	3.19	16.14
492	8 31 76	1.49	1.74	3.01	3.01	2.88	3.01	15.14
492	9 14 76	1.57	1.77	3.01	3.01	2.88	3.01	15.24
152	9 28 76	1.98	2.20	3.07	3.24	2.84	3.07	16.40
492	10 13 76	1.70	2.07	3.14	3.07	2.75	3.14	15.88
492	10 27 76	1.45	1.79	3.01	2.75	2.62	3.14	14.75
492	11 10 76	1.57	1.96	3.27	3.14	2.75	3.27	15.96
492	11 23 76	1.68	2.00	3.14	3.14	2.94	3.14	16.04
492	11 30 76	1.73	2.02	2.95	3.27	3.01	3.08	16.06
492	12 15 76	1.63	2.02	3.08	3.21	3.01	3.01	15.97
492	12 28 76	1.50	1.91	3.08	3.14	2.95	3.08	15.66
492	1 11 77	1.58	1.91	3.13	3.06	2.82	3.25	15.75
492	1 25 77	1.68	1.91	3.13	3.00	2.82	3.25	15.78
492	2 9 77	1.56	1.86	3.06	3.06	2.69	3.06	15.29
492	2 22 77	1.62	1.94	3.06	3.06	2.81	3.44	15.93
492	3 3 77	1.60	1.94	3.06	3.06	2.80	3.44	15.89
152	3 7 77	1.67	2.00	3.09	3.04	2.82	3.42	16.03
492	3 21 77	1.77	1.93	3.12	3.00	2.81	3.31	15.94
492	4 4 77	1.59	1.87	3.06	3.06	2.94	2.94	15.46
492	4 18 77	1.63	1.98	3.06	3.00	2.75	3.12	15.54
492	5 2 77	1.52	1.85	3.12	3.06	2.75	3.19	15.49
492	5 18 77	2.28	2.21	3.02	2.91	2.73	3.02	16.17
492	6 1 77	1.89	2.01	3.06	3.13	2.82	3.13	16.04
492	6 15 77	2.21	2.23	3.06	2.93	2.74	3.06	16.22
492	6 29 77	1.75	2.06	3.19	3.16	2.77	3.22	16.15
496	7 12 77	1.85	2.14	3.11	3.26	2.95	3.15	16.46
492	7 26 77	1.42	1.81	2.99	2.97	2.70	3.19	15.08
492	8 10 77	1.34	1.76	3.05	2.93	2.66	3.18	14.92
492	8 23 77	1.31	1.74	2.95	2.86	2.68	3.25	14.79
492	9 7 77	1.50	1.90	2.97	2.92	2.65	3.17	15.10
492	9 21 77	1.44	1.82	3.00	2.81	2.63	3.20	14.91
492	10 4 77	1.47	1.81	2.95	2.85	2.64	3.07	14.80
492	10 18 77	1.48	1.84	2.97	2.87	2.65	3.19	15.00
492	12 27 77	2.67	2.78	3.21	2.71	2.66	3.14	17.16
492	1 10 78	2.76	2.84	3.20	2.76	2.63	3.08	17.26
492	1 26 78	2.86	2.96	3.31	2.85	2.63	3.12	17.73
492	2 7 78	3.14	3.14	3.92	3.46	2.68	3.05	19.38
492	2 28 78	2.98	3.08	4.16	3.45	2.64	3.04	19.35
492	3 14 78	2.93	2.99	4.15	3.69	2.96	3.30	20.02
492	3 28 78	2.78	2.96	4.09	3.92	3.05	3.52	20.33
492	4 25 78	2.73	2.86	4.01	3.71	2.96	3.42	19.69
492	5 10 78	2.75	2.93	4.00	3.71	3.04	3.49	19.91
492	6 8 78	1.98	2.49	3.94	3.69	3.05	3.47	18.62
492	6 20 78	1.80	2.28	3.74	3.62	2.95	3.50	17.89
492	7 5 78	1.72	2.11	3.57	3.49	2.89	3.37	17.15
492	7 18 78	1.58	2.00	3.45	3.52	2.91	3.35	16.80
492	8 1 78	1.45	1.84	3.13	3.32	2.84	3.35	15.93
492	8 18 78	1.47	1.80	3.08	3.23	2.91	3.30	15.79
492	8 29 78	1.39	1.67	3.10	3.25	2.88	3.40	15.69
492	9 12 78	1.69	1.95	3.03	3.11	2.86	3.25	15.90
492	9 28 78	1.46	1.84	3.10	3.10	2.84	3.32	15.68
492	10 19 78	1.38	1.79	3.11	3.24	2.84	3.29	15.65
492	10 31 78	1.35	1.77	3.13	3.10	2.81	3.30	15.47
492	11 14 78	1.46	1.79	3.04	3.08	2.75	3.23	15.35
492	11 29 78	1.57	1.84	3.06	3.03	2.81	3.25	15.57
492	12 12 78	2.38	2.28	3.15	3.01	2.77	3.15	16.75
492	12 27 78	2.35	2.25	3.18	3.05	2.76	3.25	16.84

Table F.3.(cont.)--Soil water content in inches of water at Reynolds, Idaho
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66	
492	1 10 79	2.38	2.24	3.11	2.96	2.69	3.20	16.59
492	1 23 79	2.49	2.20	2.99	2.99	2.63	3.07	16.38
492	3 6 79	3.30	3.12	3.72	3.47	2.83	3.23	19.66
607	3 20 79	2.94	3.07	3.47	3.00	2.60	3.13	18.20
607	4 3 79	2.71	2.81	3.46	2.90	2.51	3.00	17.39
607	4 17 79	2.68	2.65	3.43	2.87	2.60	3.06	17.50
607	5 4 79	2.53	2.75	3.50	2.93	2.60	3.10	17.41
607	5 15 79	2.62	2.76	3.50	2.97	2.60	3.13	17.58
607	5 31 79	2.08	2.44	3.43	3.07	2.63	3.10	16.75
607	6 20 79	1.70	1.98	3.20	2.90	2.59	3.17	15.55
607	7 5 79	1.63	1.92	3.07	2.82	2.60	3.14	15.18
606	7 16 79	1.49	1.85	3.00	2.68	2.57	3.19	14.79
606	7 31 79	1.40	1.80	3.04	2.78	2.71	3.22	14.95
607	8 14 79	1.94	2.03	2.93	2.66	2.60	3.13	15.30
607	8 27 79	1.83	2.02	3.07	2.73	2.69	3.31	15.65
607	9 11 79	1.58	1.86	2.87	2.61	2.54	3.13	14.60
606	9 26 79	1.52	1.84	2.94	2.63	2.56	3.12	14.60
606	10 10 79	1.48	1.80	2.91	2.63	2.52	3.15	14.48
606	10 23 79	1.89	2.06	2.97	2.69	2.55	3.15	15.32
607	11 7 79	1.82	1.98	2.94	2.63	2.57	3.18	15.12
607	11 26 79	1.98	2.00	2.94	2.60	2.47	3.07	15.07
607	12 10 79	2.50	2.59	3.21	2.74	2.44	3.07	16.55
606	12 26 79	2.48	2.56	3.09	2.75	2.53	3.12	16.52
492	1 8 80	2.63	2.59	3.31	2.95	2.62	3.14	17.25
606	1 22 80	2.88	3.04	3.50	2.88	2.60	3.26	18.15
607	2 25 80	3.10	3.21	3.87	2.86	2.60	3.12	18.76
607	3 24 80	3.18	3.23	3.88	2.86	2.53	3.09	18.76
492	4 9 80	2.85	2.94	3.62	3.00	2.59	3.08	18.08
606	4 21 80	2.76	3.03	3.81	3.05	2.64	3.19	18.47
492	5 7 80	2.63	2.80	3.60	3.12	2.70	3.22	18.08
607	5 21 80	2.72	2.86	3.64	2.91	2.61	3.14	17.88
607	6 4 80	3.10	3.12	3.66	2.94	2.55	3.17	18.54
607	6 19 80	2.47	2.65	3.46	2.88	2.55	3.13	17.13
607	7 2 80	1.90	2.22	3.37	2.91	2.58	3.17	16.14
607	7 16 80	1.76	2.05	3.29	2.92	2.66	3.26	15.94
607	7 30 80	1.62	1.94	3.14	2.84	2.64	3.24	15.42
607	8 13 80	1.55	1.87	2.94	2.71	2.64	3.17	14.88
607	8 27 80	1.51	1.84	2.94	2.71	2.61	3.17	14.79
607	9 17 80	2.12	2.14	2.97	2.71	2.55	3.17	15.66
607	9 24 80	2.13	2.13	3.07	2.71	2.64	3.17	15.86
607	10 8 80	1.89	2.05	2.97	2.68	2.61	3.17	15.38
607	10 21 80	1.84	2.05	3.04	2.74	2.58	3.23	15.49
607	11 17 80	1.77	1.99	3.00	2.72	2.52	3.10	15.10
607	12 9 80	2.10	2.14	3.10	2.68	2.58	3.10	15.71
607	12 23 80	2.43	2.25	2.97	2.68	2.55	3.10	15.98
607	1 5 81	2.69	2.70	3.00	2.68	2.52	3.07	16.68
607	1 19 81	2.58	2.67	2.94	2.62	2.49	3.10	16.40
607	1 26 81	2.62	2.66	3.05	2.73	2.50	3.09	16.65
607	2 11 81	2.61	2.62	3.12	2.70	2.50	3.05	16.61
607	2 23 81	3.07	3.12	3.58	2.78	2.52	3.10	18.18
607	3 9 81	2.85	2.96	3.50	2.76	2.50	3.12	17.70
607	3 23 81	2.93	2.98	3.43	2.78	2.52	3.10	17.74
607	4 6 81	2.95	3.00	3.48	2.83	2.57	3.12	17.94
607	4 20 81	3.14	3.14	3.65	2.91	2.56	3.13	18.53
606	5 6 81	2.81	3.00	3.66	2.95	2.62	3.15	18.20
607	6 2 81	2.47	2.71	3.60	3.04	2.68	3.24	17.75
607	6 17 81	2.22	2.45	3.52	3.06	2.67	3.19	17.11
607	7 1 81	1.84	2.13	3.36	3.06	2.73	3.26	16.37
607	7 14 81	1.69	2.03	3.19	2.93	2.66	3.26	15.76
607	8 6 81	1.52	1.85	2.99	2.89	2.73	3.29	15.27
607	8 11 81	1.46	1.82	3.00	2.77	2.70	3.29	15.04
607	8 25 81	1.47	1.84	3.00	2.77	2.70	3.16	14.93
607	9 9 81	1.40	1.74	2.90	2.64	2.61	3.16	14.47
607	9 25 81	1.38	1.74	2.94	2.71	2.61	3.19	14.57
607	10 6 81	1.39	1.73	2.89	2.73	2.60	3.18	14.52
607	11 4 81	1.66	1.91	3.02	2.69	2.63	3.27	15.18
607	11 18 81	2.08	2.07	3.00	2.78	2.62	3.26	15.80
607	11 25 81	2.82	2.62	2.94	2.78	2.59	3.13	16.87
607	12 11 81	2.90	2.82	3.13	2.77	2.61	3.19	17.42
607	12 23 81	3.24	3.30	3.89	3.34	2.76	3.21	19.74

Table F.3.(cont.)--Soil water content in inches of water at Reynolds, Idaho
Site 127907.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)							TOTAL
		0-9	9-18	18-30	30-42	42-54	54-66	66-78	
607	1 27 82	3.17	3.19	3.60	2.99	2.70	3.08		18.72
607	2 10 82	3.01	3.12	3.62	3.03	2.67	3.10		18.55
607	2 24 82	3.27	3.28	4.16	3.24	2.75	3.14	3.21	23.06
607	3 10 82	3.26	3.33	4.13	3.27	2.78	3.18	3.18	23.13
607	3 24 82	3.37	3.41	4.09	3.24	2.79	3.18		20.08
607	4 8 82	3.40	3.41	4.27	3.36	2.70	3.10		20.24
607	4 21 82	3.13	3.26	4.05	3.31	2.72	3.24		19.72
607	4 28 82	2.93	3.14	3.96	3.41	2.82	3.31		19.55
607	4 29 82	2.87	3.06	3.99	3.34	2.82	3.31		19.39
607	5 12 82	2.72	3.00	4.02	3.27	2.79	3.34		19.14
607	5 26 82	2.35	2.73	3.95	3.34	2.82	3.34	3.11	21.65
607	6 3 82	2.20	2.57	3.63	3.44	2.82	3.37		18.22
607	6 15 82	1.98	2.32	3.74	3.36	2.81	3.42		17.63
607	6 29 82	2.10	2.26	3.60	3.34	2.89	3.40		17.58
606	7 14 82	1.94	2.18	3.54	3.22	2.75	3.38	3.19	20.21
606	8 4 82	1.65	1.96	3.21	3.09	2.78	3.40	3.17	19.25
606	8 11 82	1.72	2.09	3.26	3.10	2.74	3.46	3.26	19.64
606	8 25 82	1.57	1.91	3.09	2.89	2.77	3.32	3.17	18.71
606	9 9 82	1.64	1.92	3.03	2.91	2.71	3.34	3.19	18.72
606	9 22 82	1.71	1.95	3.04	2.80	2.65	3.31	3.11	18.57
606	10 6 82	1.71	1.93	3.07	2.88	2.68	3.34	3.19	18.81
606	10 19 82	1.68	1.94	3.15	2.76	2.72	3.27	3.23	18.74
606	12 10 82	2.94	3.11	3.74	3.15	2.75	3.38	3.23	22.30

Table F.4.--Soil water content in inches of water at Reynolds, Idaho
Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)						TOTAL
		0-9	9-18	18-30	30-42	42-54		
492	1 16 73	3.07	2.97	5.38	5.89	5.94	23.25	
492	1 29 73	2.79	2.70	5.08	5.45	5.52	21.55	
492	3 26 73	2.86	2.86	5.11	5.53	5.51	21.87	
492	4 9 73	2.92	2.94	5.39	5.56	5.59	22.41	
492	4 23 73	3.11	3.24	5.70	5.82	5.88	23.73	
492	5 9 73	2.76	3.14	5.66	5.72	5.69	22.97	
492	5 22 73	2.29	2.64	5.46	5.60	5.68	21.68	
492	6 5 73	2.02	2.34	5.11	5.48	5.52	20.46	
492	6 19 73	1.97	2.27	5.37	5.57	5.51	20.69	
492	7 3 73	1.03	1.45	4.89	5.32	5.54	18.23	
492	7 31 73	0.68	1.10	2.87	4.99	5.42	15.06	
492	8 14 73	0.71	1.00	3.56	5.29	5.38	15.95	
492	8 28 73	0.83	1.09	3.86	5.07	5.64	16.49	
492	9 11 73	0.56	0.85	3.44	4.91	5.74	15.51	
492	10 10 73	1.54	1.36	3.26	4.43	5.36	15.94	
492	10 25 73	1.83	2.41	3.04	4.64	5.51	17.43	
492	11 7 73	1.65	2.06	3.09	4.51	5.34	16.64	
152	12 11 73	2.99	3.12	4.95	6.00	6.12	23.19	
152	12 18 73	3.12	3.17	5.42	6.00	6.24	23.95	
152	1 23 74	3.16	3.25	5.97	6.20	6.20	24.77	
152	1 28 74	2.95	3.03	5.82	6.16	6.16	24.12	
152	2 11 74	2.97	3.10	5.93	6.05	6.16	24.21	
152	2 25 74	3.27	3.31	6.28	6.39	6.39	25.64	
152	3 11 74	3.10	3.23	6.20	6.20	6.38	25.11	
152	3 25 74	3.29	3.38	6.28	6.28	6.28	25.49	
152	4 9 74	3.51	3.67	6.55	6.49	6.39	26.61	
496	5 8 74	3.73	3.94	6.52	6.64	6.64	27.49	
496	5 21 74	3.33	3.55	6.38	6.38	6.38	26.00	
496	6 11 74	3.04	3.38	6.59	6.59	6.78	26.37	
152	6 27 74	1.19	1.85	5.81	6.34	6.40	21.60	
496	7 10 74	1.71	1.92	6.15	6.40	6.52	22.69	
152	7 23 74	0.90	1.31	4.16	5.78	6.12	18.26	
152	8 7 74	1.03	1.26	4.27	5.89	6.12	18.58	
492	8 20 74	0.00	0.00	1.66	4.20	5.32	11.19	
492	10 1 74	0.32	0.70	2.88	4.61	5.50	14.00	
496	10 10 74	1.04	1.18	3.65	4.83	5.63	16.32	
492	10 30 74	1.60	2.21	2.62	4.31	5.28	16.02	
492	11 12 74	1.72	2.25	2.85	4.33	5.15	16.30	
492	11 25 74	1.90	2.32	3.47	4.44	5.26	17.39	
492	12 9 74	2.05	2.27	3.68	4.60	5.35	17.95	
492	12 23 74	2.52	2.61	4.52	5.25	5.50	20.42	
492	1 16 75	3.26	3.41	5.34	5.61	5.52	23.14	
152	2 3 75	2.99	2.99	4.34	5.83	6.12	22.27	
492	3 3 75	2.72	2.77	4.85	5.80	5.89	22.03	
492	4 8 75	2.86	2.99	5.11	5.97	6.23	23.17	
496	4 29 75	3.02	3.31	5.31	5.39	5.86	22.89	
152	5 12 75	3.35	3.56	5.90	6.13	6.24	25.19	
152	5 28 75	3.38	3.64	6.17	6.17	6.29	25.66	
152	6 10 75	2.50	2.83	5.87	5.98	5.98	23.15	
492	6 17 75	3.02	3.16	6.45	6.20	6.45	25.27	
152	7 1 75	2.13	2.59	5.90	6.13	6.24	23.00	
492	7 15 75	1.86	2.14	5.94	6.07	6.32	22.34	
152	7 29 75	1.68	1.82	5.45	6.02	6.02	20.99	
152	8 12 75	1.29	1.41	4.67	5.90	5.90	19.18	
152	8 26 75	1.69	1.60	4.44	5.74	6.07	19.54	
152	9 9 75	1.43	1.52	3.99	5.68	5.90	18.53	
152	9 24 75	1.39	1.52	4.45	5.92	6.04	19.33	
152	10 21 75	2.55	2.57	4.49	5.43	5.92	20.96	
152	11 18 75	3.17	3.28	6.09	6.31	6.25	25.09	
152	11 25 75	3.06	3.18	6.13	6.24	6.35	24.97	
152	12 9 75	3.31	3.44	6.13	6.24	6.24	25.36	
152	12 22 75	3.14	3.26	5.98	5.98	6.09	24.45	

Table F.4.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
152	1 6 76	3.20	3.37	5.94	6.05	6.05	24.62
152	1 19 76	3.12	3.21	6.13	6.02	6.02	24.49
152	2 3 76	3.12	3.21	5.90	6.24	6.13	24.60
152	2 18 76	3.04	3.12	6.09	6.09	5.98	24.31
152	2 27 76	3.09	3.36	5.98	5.98	5.98	24.38
152	3 15 76	3.22	3.35	6.09	5.98	5.98	24.61
152	4 12 76	3.59	3.75	5.90	6.13	5.90	25.28
152	4 26 76	3.51	3.70	6.02	6.13	6.07	25.43
152	5 10 76	3.50	3.67	5.90	5.96	5.90	24.94
152	5 24 76	2.95	3.21	6.29	6.29	6.17	24.91
492	6 7 76	2.64	2.90	6.31	6.31	6.25	24.41
492	6 21 76	2.96	3.11	6.31	6.25	6.18	24.81
492	7 7 76	1.79	2.04	5.89	6.02	6.42	22.16
492	7 20 76	1.58	1.87	5.92	6.05	6.18	21.61
492	8 3 76	1.56	1.80	5.41	5.92	6.18	20.87
492	8 31 76	1.57	1.77	4.98	6.42	6.16	20.88
492	9 13 76	1.79	1.84	5.24	6.61	6.16	21.64
152	9 27 76	2.34	2.19	5.05	6.10	6.22	21.90
492	10 13 76	2.13	2.08	5.24	6.16	6.22	21.83
492	10 26 76	2.15	2.22	5.37	6.02	6.02	21.78
492	11 10 76	2.46	2.27	5.25	5.82	6.08	21.87
492	11 23 76	2.64	2.32	5.28	6.05	6.31	22.60
492	12 6 76	2.43	2.18	5.11	5.76	5.89	21.37
492	12 20 76	2.49	2.27	5.24	5.83	5.96	21.78
492	1 4 77	2.54	2.39	4.95	5.82	5.90	21.60
492	1 18 77	2.43	2.24	4.89	5.78	5.90	21.25
492	1 31 77	2.23	2.21	4.95	5.78	5.78	20.95
492	2 14 77	2.43	2.24	4.89	5.84	5.78	21.19
492	2 25 77	2.49	2.31	4.90	5.79	5.79	21.28
492	2 28 77	2.58	2.39	4.89	5.78	5.78	21.41
152	3 14 77	2.82	2.46	5.12	5.67	5.56	21.63
492	3 29 77	3.21	2.75	5.02	5.97	6.03	22.98
492	4 11 77	3.81	3.53	6.16	6.28	6.41	26.19
492	4 25 77	3.32	3.42	6.35	6.35	6.48	25.92
492	5 9 77	3.18	3.30	6.50	6.37	6.50	25.85
492	5 17 77	3.52	3.64	6.87	6.68	6.24	26.95
492	5 31 77	3.01	3.14	6.04	6.16	6.10	24.46
492	6 14 77	3.15	3.27	6.18	6.18	6.12	24.90
492	6 28 77	2.92	3.14	6.20	6.23	6.30	24.79
492	7 28 77	1.51	1.74	5.61	5.99	6.02	20.86
492	8 10 77	1.36	1.57	5.27	5.80	6.01	20.01
492	8 24 77	1.32	1.50	5.06	5.75	6.03	19.66
492	9 6 77	1.53	1.60	5.00	5.86	6.08	20.08
492	9 20 77	1.46	1.54	4.84	5.69	6.01	19.54
492	10 3 77	1.59	1.64	4.91	5.76	5.90	19.80
492	10 17 77	1.58	1.64	5.05	5.89	6.18	20.34
492	11 2 77	1.58	1.65	4.95	5.75	6.02	19.95
492	12 6 77	3.25	3.36	6.24	6.29	6.31	25.45
492	12 20 77	3.20	3.32	6.05	6.20	6.22	24.99
492	1 4 78	3.04	3.15	6.06	6.11	6.16	24.52
492	1 18 78	3.07	3.16	5.91	6.05	5.96	24.14
492	1 31 78	3.11	3.23	6.18	6.18	6.18	24.87
492	2 13 78	3.15	3.24	6.08	6.03	6.06	24.55
492	2 27 78	3.19	3.31	6.07	6.03	6.10	24.70
492	3 27 78	3.25	3.50	6.17	6.22	6.17	25.29
492	4 11 78	3.37	3.52	6.08	6.04	6.04	25.04
492	4 24 78	3.34	3.49	6.19	6.07	6.07	25.16
492	5 8 78	3.42	3.58	5.98	5.96	6.08	25.02
492	5 23 78	2.95	3.13	5.79	5.77	5.93	23.57
492	6 5 78	2.67	2.98	6.16	6.04	6.11	23.97
492	6 19 78	2.32	2.74	6.04	6.06	6.06	23.21
492	7 3 78	2.01	2.47	6.21	6.19	6.19	23.06
492	7 17 78	1.61	2.06	5.92	6.02	6.14	21.76
492	7 31 78	1.38	1.72	5.54	6.08	6.13	20.83
492	8 14 78	1.38	1.62	5.17	6.03	6.08	20.27
492	8 28 78	1.29	1.45	4.78	5.79	6.08	19.40
492	9 11 78	1.60	1.55	4.51	5.69	5.93	19.28
492	9 27 78	1.55	1.57	4.76	5.83	6.03	19.74
492	10 10 78	1.41	1.49	4.68	5.87	6.06	19.50
492	10 24 78	1.28	1.45	4.57	5.74	5.93	18.98
492	11 6 78	1.25	1.43	4.65	5.67	5.93	18.92
492	11 20 78	1.40	1.52	4.72	5.70	5.99	19.32
492	12 5 78	2.88	3.03	5.22	5.91	6.01	23.04
492	12 19 78	2.86	3.00	5.15	5.87	5.96	22.85

Table F.4.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
492	1 3 79	3.00	3.08	5.51	5.92	5.99	23.49
492	1 17 79	2.91	2.79	5.03	5.82	6.05	22.61
492	1 30 79	2.96	2.80	5.26	5.84	6.04	22.90
492	2 27 79	2.93	2.79	5.21	5.89	6.09	22.91
492	3 13 79	3.31	3.32	6.07	6.24	6.21	25.14
607	4 10 79	3.57	3.81	6.56	6.63	6.63	27.19
607	4 24 79	3.20	3.26	6.15	6.12	6.29	25.03
607	5 21 79	3.02	3.15	6.18	6.08	6.15	24.58
607	6 7 79	2.47	2.85	6.25	6.11	6.28	23.96
607	6 21 79	2.38	2.50	6.18	6.08	6.18	23.32
607	7 5 79	1.42	1.73	5.87	5.76	6.00	20.78
606	7 16 79	1.21	1.50	5.58	6.09	6.35	20.72
606	7 30 79	1.05	1.35	4.69	6.02	6.20	19.32
607	8 15 79	2.31	1.88	4.63	6.12	6.45	21.39
607	8 27 79	2.42	2.41	4.43	5.84	6.21	21.32
607	9 11 79	2.00	2.20	4.51	6.06	6.45	21.24
606	9 26 79	1.46	1.75	4.20	5.68	5.96	19.04
606	10 10 79	1.26	1.52	4.17	5.71	5.92	18.58
606	10 23 79	2.71	2.50	4.14	5.55	5.98	20.89
607	11 7 79	2.44	2.90	4.48	5.79	6.06	21.67
492	11 20 79	2.72	2.83	4.59	5.48	5.83	21.46
607	12 4 79	2.97	2.97	4.44	5.52	5.78	21.68
607	12 18 79	3.02	3.07	4.62	5.74	6.12	22.57
492	1 3 80	3.05	3.17	4.54	6.00	6.04	22.80
492	1 15 80	3.34	3.60	5.82	6.12	6.34	25.22
492	1 29 80	3.33	3.68	5.93	6.04	6.30	25.27
607	2 26 80	3.21	3.22	6.40	6.54	6.67	26.04
607	3 4 80	3.20	3.24	6.31	6.40	6.54	25.69
492	3 18 80	3.15	3.20	6.06	6.26	6.31	24.97
492	4 1 80	3.30	3.52	6.11	6.13	6.26	25.31
492	4 16 80	3.30	3.46	5.96	6.06	6.16	24.95
492	4 30 80	3.18	3.41	5.98	6.03	6.03	24.63
492	5 14 80	3.25	3.39	6.13	6.08	6.18	25.00
607	6 4 80	3.39	3.50	6.54	6.37	6.41	26.21
607	6 19 80	3.03	3.19	6.47	6.40	6.47	25.56
607	7 1 80	2.16	2.62	6.37	6.31	6.40	23.86
607	7 16 80	1.51	1.84	6.24	6.44	6.40	22.43
607	7 29 80	1.19	1.44	5.15	6.24	6.40	20.42
607	8 12 80	1.13	1.38	4.57	6.07	6.34	19.49
607	8 26 80	1.09	1.32	4.29	5.88	6.17	18.75
607	9 9 80	1.07	1.31	4.19	5.88	6.17	18.63
607	9 23 80	2.68	2.66	4.18	5.69	6.08	21.29
607	10 7 80	2.23	2.38	4.26	5.81	6.21	20.89
607	10 20 80	2.36	2.37	4.18	5.75	6.11	20.77
607	11 4 80	2.36	2.37	4.24	5.73	6.05	20.74
607	11 17 80	2.57	2.52	4.16	5.67	5.99	20.90
607	12 8 80	2.75	2.78	4.18	5.71	6.09	21.51
606	12 23 80	2.91	2.82	4.38	5.85	6.26	22.21
607	1 6 81	3.09	3.09	4.86	5.66	6.24	22.94
607	1 20 81	3.38	3.33	5.06	5.78	6.37	23.91
607	1 27 81	3.34	3.27	4.95	5.66	6.31	23.54
607	2 9 81	3.38	3.23	4.95	5.73	6.24	23.54
607	2 24 81	3.50	3.43	6.31	6.63	6.80	26.66
607	3 10 81	3.46	3.36	6.47	6.57	6.98	26.81
607	3 31 81	3.35	3.33	6.34	6.25	6.73	26.00
607	4 7 81	3.34	3.33	6.34	6.28	6.88	26.18
607	4 21 81	3.82	3.88	6.60	6.37	7.10	27.77
606	5 12 81	3.17	3.30	6.46	6.39	6.53	25.85
607	5 26 81	3.41	3.50	6.64	6.44	6.71	26.70
607	6 1 81	3.20	3.28	6.67	6.50	6.67	26.32
607	6 16 81	3.20	3.30	6.48	6.42	6.55	25.95
607	6 30 81	2.00	2.47	6.47	6.31	6.77	24.02
607	7 13 81	1.49	1.80	6.02	6.38	6.64	22.32
607	7 27 81	1.23	1.45	5.15	6.31	6.67	20.82
607	8 10 81	1.09	1.32	4.58	6.02	6.41	19.43
607	8 24 81	1.05	1.29	4.24	5.98	6.44	19.02
607	9 8 81	1.05	1.28	4.20	5.86	6.42	18.83
607	9 25 81	1.08	1.31	4.13	5.87	6.33	18.72
607	10 5 81	1.13	1.32	4.14	5.85	6.33	18.77
607	10 20 81	2.32	1.92	4.10	5.84	6.42	20.60
606	11 3 81	2.58	2.23	4.15	5.73	6.28	20.97
607	11 17 81	3.14	3.28	5.54	6.37	6.50	24.82
607	12 14 81	3.22	3.34	6.55	6.71	6.81	26.64
607	12 22 81	3.61	3.71	6.78	6.52	6.84	27.47

Table F.4.(cont.)--Soil water content in inches of water at Reynolds,
Idaho Site 176006.

PROBE	DATE	SOIL WATER CONTENT BY DEPTH (IN INCHES)					
		0-9	9-18	18-30	30-42	42-54	TOTAL
607	1 19 82	3.34	3.42	6.78	6.40	6.68	26.62
607	1 29 82	3.26	3.34	6.56	6.31	6.53	26.00
607	2 23 82	3.81	4.00	6.72	6.39	6.62	27.53
607	3 9 82	3.48	3.57	6.71	6.45	6.65	26.86
607	3 23 82	3.41	3.56	6.71	6.33	6.55	26.56
607	4 14 82	3.81	3.98	6.71	6.29	6.61	27.40
607	4 27 82	3.75	3.95	6.71	6.26	6.49	27.16
607	5 3 82	3.79	3.95	6.78	6.35	6.51	27.39
607	5 11 82	3.53	3.60	6.81	6.42	6.68	27.04
607	5 18 82	3.54	3.74	6.71	6.42	6.61	27.02
607	5 25 82	3.24	3.39	6.64	6.41	6.54	26.23
607	6 1 82	3.00	3.21	6.52	6.30	6.43	25.46
607	6 14 82	2.80	3.07	6.68	6.48	6.55	25.57
607	6 30 82	2.96	3.12	6.68	6.48	6.55	25.79
607	7 13 82	3.02	3.19	6.62	6.36	6.39	25.59
606	8 3 82	1.67	1.94	6.16	6.33	6.49	22.58
606	8 12 82	1.39	1.63	5.50	6.21	6.45	21.20
606	8 24 82	1.22	1.46	4.74	6.13	6.49	20.04
606	9 10 82	1.12	1.34	4.26	5.81	6.23	18.75
606	9 21 82	1.72	1.63	4.30	5.95	6.30	19.90
606	10 5 82	2.72	2.62	4.24	5.88	6.35	21.80
606	10 18 82	2.62	2.63	4.26	5.88	6.19	21.58
606	11 5 82	2.97	3.06	4.72	5.85	6.27	22.87
606	11 16 82	2.91	3.04	4.84	5.92	6.27	22.98
606	12 8 82	3.02	3.14	5.03	5.79	6.25	23.22

Section G

HYDROLOGIC DATA INVENTORY

Table G.1.--Reynolds Creek Watershed precipitation data inventory.

SITE NUMBER	ELEVATION IN FT ABOVE MSL	RECORD LENGTH
023X01	4880	1962 - 1982
053X93	4950	1968 - 1982
057X96	3885	1962 - 1982
076X59	3915	1962 - 1982
088X65	4410	1962 - 1982
095X10	4880	1962 - 1982
114X19	5885	1962 - 1982
116X91	4770	1962 - 1982
124X84	5920	1962 - 1982
126X97	5460	1962 - 1982
127X07	5410	1962 - 1982
144X62	5930	1962 - 1982
147X35	6140	1962 - 1982
155X07	5410	1962 - 1982
163X20	7100	1962 - 1982
167X07	6600	1962 - 1982
174X17	6760	1962 - 1982
176X07	6800	1962 - 1982
176X14	6880	1968 - 1982

FORMAT: Computerized daily totals available for all sites.

Table G.2.--Reynolds Creek Watershed runoff data inventory.

SITE NUMBER	SITE NAME	AREA IN ACRES	RECORD LENGTH*
036068	Reynolds Creek Outlet Weir	57,754	1964 - 1982
046017	Salmon Creek Weir	8,990	1965 - 1982
046084	Macks Creek Weir	7,846	1965 - 1982
116083	Tollgate Weir	13,453	1967 - 1982
117066	Lower Sheep Creek Weir	33	1968 - 1982
166076	Reynolds Mtn. East Basin	100	1964 - 1982

* Water year

FORMAT: Computerized daily totals available in cubic feet per second and inches for all sites.

Table G.3.--Reynolds Creek Watershed suspended sediment data inventory.

SITE NUMBER	SITE NAME	AREA IN ACRES	RECORD LENGTH*
036068	Reynolds Creek Outlet Weir	57,754	1967 - 1982
046084	Macks Creek Weir	7,846	1968 - 1982
116083	Tollgate Weir	13,453	1967 - 1982
166076	Reynolds Mtn. East Basin	100	1969 - 1982

* Water year

NOTE: Pre-1977 data is storm data only. No data collected during low concentration periods.

FORMAT: Daily totals and concentrations available for all sites.

Table G.4a.--Boise Front water quality data inventory.

SITE NO.	LOCATION NO.	SITE NAME	RECORD LENGTH*
54	322W54	Upper Maynard Gulch	1977 - 1981
57	328W57	Lower Maynard Gulch	1977 - 1981
12	336W12	Camp Creek	1977 - 1981
96	419W96	Highland Valley Weir	1977 - 1981

* Water year

FORMAT: Computerized summaries of statistics available for all sites.

Table G.4b.--Reynolds Creek Watershed water quality data inventory.

SITE NO.	LOCATION NO.	SITE NAME	RECORD LENGTH*
1	000100	Reynolds at Snake	1974 - 1976
2	000200	Rattlesnake	1974 - 1976
13	024045	Upper Salmon	1975 - 1979
12	024069	Boston's Ditch	1975 - 1978
11	033005	Upper Farrot	1975 - 1978
24	034056	Lower Farrot	1976 - 1979
9	034087	Lower Murphy	1975 - 1979
3	036068	Reynolds Outlet	1973 - 1979
4	036088	Salmon Creek	1974 - 1979
10	043005	Upper Murphy	1975 - 1978
8	044085	Cottle Creek	1975 - 1979
6	046084	Macks Creek Weir	1974 - 1979
7	055036	Upper Macks	1975 - 1978
5	056047	Lower Reynolds	1973 - 1979
14	077071	Tyson Bridge	1973 - 1979
15	087072	Nettleton	1973 - 1979
16	106018	Gabica	1974 - 1979
17	116083	Tollgate	1973 - 1979
18	135008	Below Dobson	1974 - 1979
20	135017	Dobson	1973 - 1979
19	135018	Above Dobson	1974 - 1979
21	155019	Democrat	1973 - 1979
22	166074	Reynolds Mtn. Weir	1973 - 1979
23	176512	Reynolds Mtn. Spring	1973 - 1979

* Water year

FORMAT: Computerized summaries of statistics available for all sites.

Table G.5.--Reynolds Creek Watershed vegetation transect data inventory.

SITE NAME	TREATMENT	RECORD LENGTH
Flats	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Nancy Gulch	Mechanical removal	1972 - 1975
	Sprayed	1972 - 1975
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Nettleton	Ungrazed	1972 - 1981
	Grazed	1972 - 1981
Lower Sheep Creek	Ungrazed	1972, 1974 - 1980
	Grazed	1972, 1974 - 1980
Whiskey Hill	Sprayed	1972 - 1976
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Upper Sheep Creek (sparse)	Ungrazed	1972, 1974 - 1980
	Grazed	1972, 1974 - 1980
Upper Sheep Creek (dense)	Mechanical removal	1972 - 1975
	Sprayed	1972 - 1975
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980
Reynolds Mountain (sparse)	Ungrazed	1972, 1974 - 1980
	Grazed	1972, 1974 - 1980
Reynolds Mountain (dense)	Mechanical removal	1972 - 1975
	Sprayed	1972 - 1975
	Ungrazed	1972 - 1980
	Grazed	1972 - 1980

FORMAT: Computerized summaries of overstory and basal hits by species and type of basal cover are available in table form for all sites.

Table G.6.--Reynolds Creek Watershed soil water data inventory.

TUBE NUMBERS	SITE NAME	RECORD LENGTH
057096	Flats	1973 - 1982
057896		1973 - 1982
057C96		1973 - 1982
098697	Nancys	1973 - 1982
098897		1973 - 1982
098F97		1973 - 1982
117079	Sheep Creek	1973 - 1982
117186		1973 - 1982
117287		1973 - 1982
127907		1973 - 1982
166093	Reynolds Mtn.	1973 - 1982
166184		1973 - 1982
176006		1973 - 1982

FORMAT: Computerized volume percentages and inches of water available for all sites.

Table G.7.--Reynolds Creek Watershed solar radiation data inventory.

SITE NUMBER	SITE NAME	RECORD LENGTH
076X59	Quonset	1975 - 1981
127X07	Sheep Creek	Summers 1974 - 1981

FORMAT: Computerized daily totals available for both sites.

Table G.8.--Reynolds Creek Watershed temperature, wind, and evaporation data inventory.

SITE NUMBER	RECORD LENGTH		
	HYGRO-THERMOGRAPH	WIND	EVAPORATION PAN
076X59	1964 - 1982	1966 - 1982	1974 - 1982
127X07	1967 - 1982	1966 - 1982	1977 - 1982
176X14	1967 - 1982	1968 - 1982*	1974 - 1982

* Incomplete record

FORMAT: Hygro-thermograph: Computerized daily maximum-minimum temperatures available for all sites.

Wind: Raw data in the form of charts for all sites.

Evaporation Pan (Class-A type pan): Computerized daily totals (mid-night - midnight) available for all sites.

Section H

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